

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032923\
 Data File : BN024619.D
 Acq On : 29 Mar 2023 20:57
 Operator : CG/JU
 Sample : 01983-04MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EYGB0MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/30/2023
 Supervised By : Jagrut Upadhyay 03/30/2023

Quant Time: Mar 30 03:33:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032923.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 30 03:30:09 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.999	152	306936	20.000	ng/u1	0.00
20) Naphthalene-d8	10.816	136	1386234	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.640	164	875991	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.386	188	1887604	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	1720365	20.000	ng/u1	0.00
88) Perylene-d12	24.063	264	1896487	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	43428	5.486	ng/uL	0.00
4) Pyridine-d5	3.793	84	628558	27.497	ng/u1	0.00
7) Phenol-d5	7.158	99	926529	31.897	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	593841	31.659	ng/u1	0.00
11) 2-Chlorophenol-d4	7.528	132	696286	32.333	ng/u1	0.00
15) 4-Methylphenol-d8	8.710	113	721214	31.046	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	349824	31.887	ng/u1	0.00
24) 2-Nitrophenol-d4	9.893	143	381298	32.110	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	708694	32.859	ng/u1	0.00
31) 4-Chloroaniline-d4	10.951	131	888870	27.009	ng/u1	0.00
46) Dimethylphthalate-d6	14.045	166	2085993	30.966	ng/u1	0.00
49) Acenaphthylene-d8	14.334	160	2438714	31.793	ng/u1	0.00
54) 4-Nitrophenol-d4	14.834	143	405588	28.767	ng/u1	0.00
60) Fluorene-d10	15.634	176	1807035	31.264	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	338195	27.202	ng/u1	0.00
73) Anthracene-d10	17.486	188	2792694	31.456	ng/u1	0.00
81) Pyrene-d10	19.775	212	3271831	32.892	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.910	264	3100811	32.268	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.405	88	116872	13.701	ng/uL	98
5) Pyridine	3.817	79	827842	34.791	ng/u1	97
6) Benzaldehyde	7.134	77	587896	44.342	ng/u1	99
8) Phenol	7.187	94	1169252	38.778	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.422	93	891689	37.503	ng/u1	97
12) 2-Chlorophenol	7.563	128	859836	38.270	ng/u1	99
13) 2-Methylphenol	8.446	108	861102	38.243	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.534	45	1601251	37.911	ng/u1	100
16) Acetophenone	8.828	105	1371796	37.828	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.816	70	721007	37.780	ng/u1	98
18) 4-Methylphenol	8.775	108	959348	38.376	ng/u1	99
19) Hexachloroethane	9.087	117	337803	38.068	ng/u1	99
22) Nitrobenzene	9.210	77	1081806	37.963	ng/u1	99
23) Isophorone	9.740	82	2001295	37.784	ng/u1	98
25) 2-Nitrophenol	9.928	139	502762	38.944	ng/u1	96
26) 2,4-Dimethylphenol	9.987	107	1018378	37.976	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.222	93	1246744	36.678	ng/u1	98
29) 2,4-Dichlorophenol	10.463	162	837599	38.288	ng/u1	98
30) Naphthalene	10.869	128	2820180	36.613	ng/u1	100
32) 4-Chloroaniline	10.981	127	935468	28.071	ng/u1	99
33) Hexachlorobutadiene	11.151	225	462964	36.747	ng/u1	97
34) Caprolactam	11.757	113	292513m	38.663	ng/u1	
35) 4-Chloro-3-methylphenol	12.098	107	979956	39.181	ng/u1	97
36) 2-Methylnaphthalene	12.469	142	1913797	37.112	ng/u1	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032923\
 Data File : BN024619.D
 Acq On : 29 Mar 2023 20:57
 Operator : CG/JU
 Sample : 01983-04MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EYGB0MS

Quant Time: Mar 30 03:33:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032923.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 30 03:30:09 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/30/2023
 Supervised By : Jagrut Upadhyay 03/30/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.693	142	1946107	38.088	ng/u1	100
39) 1,2,4,5-Tetrachloroben...	12.840	216	954032	36.740	ng/u1	98
40) Hexachlorocyclopentadiene	12.816	237	524523	32.099	ng/u1	98
41) 2,4,6-Trichlorophenol	13.075	196	644472	37.252	ng/u1	95
42) 2,4,5-Trichlorophenol	13.145	196	726063	38.186	ng/u1	98
43) 1,1'-Biphenyl	13.475	154	2571262	36.945	ng/u1	100
44) 2-Chloronaphthalene	13.522	162	1983670	36.510	ng/u1	96
45) 2-Nitroaniline	13.728	65	690866	40.925	ng/u1	99
47) Dimethylphthalate	14.098	163	2496514	36.495	ng/u1	100
48) 2,6-Dinitrotoluene	14.222	165	517827	39.963	ng/u1	99
50) Acenaphthylene	14.363	152	3132811	37.304	ng/u1	99
51) 3-Nitroaniline	14.545	138	567976	41.238	ng/u1	99
52) Acenaphthene	14.704	153	2148659	36.716	ng/u1	95
53) 2,4-Dinitrophenol	14.751	184	320268	36.388	ng/u1	99
55) 4-Nitrophenol	14.851	109	412704	38.259	ng/u1	98
56) Dibenzofuran	15.040	168	3012102	36.989	ng/u1	100
57) 2,4-Dinitrotoluene	15.004	165	753775	39.708	ng/u1	97
58) 2,3,4,6-Tetrachlorophenol	15.263	232	589055	37.176	ng/u1	98
59) Diethylphthalate	15.457	149	2517325	37.606	ng/u1	100
61) Fluorene	15.687	166	2475483	37.913	ng/u1	97
62) 4-Chlorophenyl-phenyle...	15.681	204	1154953	37.281	ng/u1	97
63) 4-Nitroaniline	15.710	138	615580	45.369	ng/u1	98
66) 4,6-Dinitro-2-methylph...	15.763	198	442150	35.962	ng/u1	98
67) N-Nitrosodiphenylamine	15.892	169	2114206	37.455	ng/u1	98
68) 4-Bromophenyl-phenylether	16.575	248	717693	38.094	ng/u1	97
69) Hexachlorobenzene	16.692	284	796610	35.928	ng/u1	98
70) Atrazine	16.839	200	412020	21.365	ng/u1	98
71) Pentachlorophenol	17.034	266	469360	34.629	ng/u1	100
72) Phenanthrene	17.428	178	3895345	36.827	ng/u1	100
74) Anthracene	17.522	178	3912490	36.819	ng/u1	98
75) 1,2,3,4-Tetrachloroben...	13.445	216	958035	35.500	ng/uL	98
76) Pentachlorobenzene	14.957	250	952570	36.338	ng/uL	97
77) Carbazole	17.792	167	3683199	38.550	ng/u1	99
78) Di-n-butylphthalate	18.351	149	4432799	40.943	ng/u1	100
80) Fluoranthene	19.445	202	4550511	38.576	ng/u1	100
82) Pyrene	19.804	202	4713856	37.906	ng/u1	100
83) Butylbenzylphthalate	20.698	149	1983114	41.882	ng/u1	99
84) 3,3'-Dichlorobenzidine	21.492	252	1363494	33.905	ng/u1	89
85) Benzo(a)anthracene	21.563	228	4586039	37.737	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.480	149	2855597	43.254	ng/u1#	98
87) Chrysene	21.616	228	4352041	37.846	ng/u1	99
89) Di-n-octyl phthalate	22.439	149	4962438	43.195	ng/u1	100
90) Benzo(b)fluoranthene	23.304	252	4632072	37.300	ng/u1	98
91) Benzo(k)fluoranthene	23.357	252	4718898	39.804	ng/u1	99
93) Benzo(a)pyrene	23.963	252	4116753	37.857	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.674	276	4974571m	35.898	ng/u1	
95) Dibenzo(a,h)anthracene	26.692	278	4108204m	35.746	ng/u1	
96) Benzo(g,h,i)perylene	27.480	276	4021383m	34.926	ng/u1	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

