

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041724\
 Data File : BN030970.D
 Acq On : 17 Apr 2024 10:09
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD020362

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/19/2024

Supervised By :mohammad ahmed 04/30/2024

04/19/2024

Supervised By :mohammad
ahmed

04/22/2024

Quant Time: Apr 17 10:57:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 17 10:54:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	134793	20.000	ng/u1	0.00
20) Naphthalene-d8	10.422	136	642489	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.287	164	464174	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.039	188	1051462	20.000	ng/u1	0.00
79) Chrysene-d12	21.274	240	1135386	20.000	ng/u1	0.00
88) Perylene-d12	24.174	264	1375270	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	23936	8.326	ng/uL	0.00
4) Pyridine-d5	3.558	84	163892	19.013	ng/u1	0.00
7) Phenol-d5	6.810	99	227616	20.874	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	141879	21.066	ng/u1	0.00
11) 2-Chlorophenol-d4	7.175	132	177029	21.401	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	191312	20.934	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	93005	20.868	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	92450	22.675	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	190498	21.342	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	306945	20.888	ng/u1	0.00
46) Dimethylphthalate-d6	13.704	166	681761	21.999	ng/u1	0.00
49) Acenaphthylene-d8	13.975	160	752030	21.105	ng/u1	0.00
54) 4-Nitrophenol-d4	14.498	143	137047	23.119	ng/u1	0.00
60) Fluorene-d10	15.281	176	578394	21.328	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	104640	22.546	ng/u1	0.00
73) Anthracene-d10	17.133	188	957159	21.128	ng/u1	0.00
81) Pyrene-d10	19.433	212	1169825	19.164	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.974	264	1332451	21.027	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.181	88	24823	8.060	ng/uL	98
5) Pyridine	3.575	79	159811	18.373	ng/u1	93
6) Benzaldehyde	6.793	77	132018	25.998	ng/u1	99
8) Phenol	6.840	94	240079	21.135	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.075	93	196261	21.187	ng/u1	99
12) 2-Chlorophenol	7.205	128	188081	21.196	ng/u1	98
13) 2-Methylphenol	8.081	108	183757	20.993	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.163	45	270257	20.720	ng/u1	99
16) Acetophenone	8.463	105	325459	22.556	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.446	70	160144	22.037	ng/u1	98
18) 4-Methylphenol	8.410	108	208180	21.245	ng/u1	99
19) Hexachloroethane	8.704	117	77143	20.736	ng/u1	93
22) Nitrobenzene	8.840	77	229445	21.089	ng/u1	100
23) Isophorone	9.357	82	473536	21.824	ng/u1	99
25) 2-Nitrophenol	9.540	139	109097	22.767	ng/u1	99
26) 2,4-Dimethylphenol	9.604	107	225350	21.159	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.846	93	291547	21.134	ng/u1	99
29) 2,4-Dichlorophenol	10.069	162	191262	20.993	ng/u1	99
30) Naphthalene	10.469	128	687630	20.868	ng/u1	99
32) 4-Chloroaniline	10.587	127	300614	21.227	ng/u1	99
33) Hexachlorobutadiene	10.751	225	113942	19.869	ng/u1	100
34) Caprolactam	11.363	113	72193	21.210	ng/u1	97
35) 4-Chloro-3-methylphenol	11.716	107	230083	22.422	ng/u1	99
36) 2-Methylnaphthalene	12.087	142	486557	21.143	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.310	142	492204	21.070	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.457	216	241530	20.163	ng/ul	99
40) Hexachlorocyclopentadiene	12.434	237	138282	20.327	ng/ul	96
41) 2,4,6-Trichlorophenol	12.710	196	161608	21.589	ng/ul	98
42) 2,4,5-Trichlorophenol	12.775	196	180954	21.405	ng/ul	98
43) 1,1'-Biphenyl	13.116	154	660515	20.877	ng/ul	99
44) 2-Chloronaphthalene	13.151	162	524174	21.046	ng/ul	99
45) 2-Nitroaniline	13.369	65	143335	21.626	ng/ul	97
47) Dimethylphthalate	13.751	163	711277	22.218	ng/ul	99
48) 2,6-Dinitrotoluene	13.875	165	129702	21.852	ng/ul	98
50) Acenaphthylene	14.004	152	883620	21.463	ng/ul	100
51) 3-Nitroaniline	14.204	138	149888	23.792	ng/ul	97
52) Acenaphthene	14.351	153	583618	21.272	ng/ul	98
53) 2,4-Dinitrophenol	14.404	184	61307	22.488	ng/ul	91
55) 4-Nitrophenol	14.510	109	111980	23.843	ng/ul	94
56) Dibenzofuran	14.687	168	821722	21.546	ng/ul	98
57) 2,4-Dinitrotoluene	14.657	165	203414	23.474	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.916	232	156076	22.230	ng/ul	98
59) Diethylphthalate	15.122	149	725645	22.312	ng/ul	98
61) Fluorene	15.339	166	672341	22.179	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.339	204	322379	21.676	ng/ul	98
63) 4-Nitroaniline	15.369	138	163620	26.714	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.422	198	117395	23.541	ng/ul	99
67) N-Nitrosodiphenylamine	15.557	169	596421	20.828	ng/ul	98
68) 4-Bromophenyl-phenylether	16.234	248	201724	20.204	ng/ul	94
69) Hexachlorobenzene	16.334	284	224032	19.055	ng/ul	91
70) Atrazine	16.510	200	205430	20.698	ng/ul	95
71) Pentachlorophenol	16.686	266	145416	20.978	ng/ul	96
72) Phenanthrene	17.081	178	1150753	21.302	ng/ul	99
74) Anthracene	17.169	178	1192403	21.834	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.075	216	240860	18.646	ng/uL	96
76) Pentachlorobenzene	14.604	250	249801	19.039	ng/uL	95
77) Carbazole	17.445	167	1131948	23.635	ng/ul	99
78) Di-n-butylphthalate	18.010	149	1386505	23.731	ng/ul	99
80) Fluoranthene	19.098	202	1397452	19.258	ng/ul	97
82) Pyrene	19.469	202	1509056	19.691	ng/ul	99
83) Butylbenzylphthalate	20.380	149	646176	22.079	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.192	252	434867	20.845	ng/ul	99
85) Benzo(a)anthracene	21.257	228	1598714	21.099	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.186	149	974368	22.576	ng/ul	97
87) Chrysene	21.316	228	1521009	21.267	ng/ul	98
89) Di-n-octyl phthalate	22.286	149	1675758	19.241	ng/ul	100
90) Benzo(b)fluoranthene	23.257	252	1607893	19.866	ng/ul	99
91) Benzo(k)fluoranthene	23.316	252	1711341	20.820	ng/ul	98
93) Benzo(a)pyrene	24.039	252	1595706	20.871	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.439	276	2009938m	24.319	ng/ul	
95) Dibenzo(a,h)anthracene	27.492	278	1656074m	23.802	ng/ul	
96) Benzo(g,h,i)perylene	28.445	276	1644988	25.353	ng/ul	95

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

