

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
 Data File : BN032098.D
 Acq On : 20 Jun 2024 16:02
 Operator : MA/JU
 Sample : PB161544BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS544

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

Quant Time: Jun 20 16:44:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 20 10:49:40 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	327507	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	1562276	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.281	164	1079750	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.033	188	2197871	20.000	ng/u1	0.00
79) Chrysene-d12	21.269	240	1587174	20.000	ng/u1	0.00
88) Perylene-d12	24.180	264	1457319	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	47965	6.059	ng/uL	0.00
4) Pyridine-d5	3.564	84	544465	24.432	ng/u1	0.00
7) Phenol-d5	6.816	99	856013	30.489	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	463902	28.248	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	699519	32.653	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	738879	32.284	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	375512	31.436	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	429586	34.815	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	757857	32.899	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	929171	27.167	ng/u1	0.00
46) Dimethylphthalate-d6	13.698	166	2367732	31.477	ng/u1	0.00
49) Acenaphthylene-d8	13.975	160	2650523	30.644	ng/u1	0.00
54) 4-Nitrophenol-d4	14.510	143	446441	29.642	ng/u1	0.00
60) Fluorene-d10	15.281	176	1971085	30.969	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	405975	36.748	ng/u1	0.00
73) Anthracene-d10	17.133	188	2922643	31.060	ng/u1	0.00
81) Pyrene-d10	19.433	212	3147816	37.062	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.986	264	2285270	32.840	ng/u1	0.00
Target Compounds						
2) 1,4-Dioxane	3.193	88	76673	9.052	ng/uL	98
5) Pyridine	3.581	79	558759	25.077	ng/u1	97
6) Benzaldehyde	6.787	77	426147	32.360	ng/u1	95
8) Phenol	6.840	94	879253	30.771	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.069	93	696507	29.479	ng/u1	97
12) 2-Chlorophenol	7.199	128	720394	32.134	ng/u1	98
13) 2-Methylphenol	8.081	108	701799	31.800	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.163	45	796997	29.303	ng/u1	99
16) Acetophenone	8.463	105	1113023	32.090	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.446	70	530414	29.511	ng/u1	95
18) 4-Methylphenol	8.410	108	778483	32.541	ng/u1	99
19) Hexachloroethane	8.699	117	288164	30.354	ng/u1	87
22) Nitrobenzene	8.834	77	801707	28.170	ng/u1	95
23) Isophorone	9.363	82	1620093	27.750	ng/u1	97
25) 2-Nitrophenol	9.540	139	453510	33.640	ng/u1	95
26) 2,4-Dimethylphenol	9.604	107	714964	27.262	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.840	93	1009035	27.732	ng/u1	99
29) 2,4-Dichlorophenol	10.069	162	747975	32.885	ng/u1	99
30) Naphthalene	10.463	128	2441986	30.202	ng/u1	99
32) 4-Chloroaniline	10.587	127	908322	27.354	ng/u1	99
33) Hexachlorobutadiene	10.740	225	444124	32.511	ng/u1	97
34) Caprolactam	11.387	113	276192m	31.109	ng/u1	
35) 4-Chloro-3-methylphenol	11.716	107	860437	32.364	ng/u1	100
36) 2-Methylnaphthalene	12.081	142	1738656	31.460	ng/u1	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
 Data File : BN032098.D
 Acq On : 20 Jun 2024 16:02
 Operator : MA/JU
 Sample : PB161544BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS544

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

Quant Time: Jun 20 16:44:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 20 10:49:40 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.304	142	1768510	31.892	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.457	216	906763	31.754	ng/ul	98
40) Hexachlorocyclopentadiene	12.428	237	348012	21.145	ng/ul	93
41) 2,4,6-Trichlorophenol	12.704	196	608047	31.372	ng/ul	99
42) 2,4,5-Trichlorophenol	12.781	196	681617	32.362	ng/ul	98
43) 1,1'-Biphenyl	13.110	154	2313688	30.464	ng/ul	96
44) 2-Chloronaphthalene	13.151	162	1796842	30.207	ng/ul	99
45) 2-Nitroaniline	13.369	65	499390	28.962	ng/ul	88
47) Dimethylphthalate	13.751	163	2337125	30.380	ng/ul	99
48) 2,6-Dinitrotoluene	13.875	165	507062	33.160	ng/ul	96
50) Acenaphthylene	14.004	152	2910804	29.778	ng/ul	100
51) 3-Nitroaniline	14.204	138	528273	32.311	ng/ul	94
52) Acenaphthene	14.345	153	1879619	29.061	ng/ul	95
53) 2,4-Dinitrophenol	14.416	184	286182	37.071	ng/ul	97
55) 4-Nitrophenol	14.522	109	339313	30.370	ng/ul	91
56) Dibenzofuran	14.687	168	2696746	30.689	ng/ul	97
57) 2,4-Dinitrotoluene	14.669	165	726824	32.393	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.916	232	536994	30.480	ng/ul	97
59) Diethylphthalate	15.116	149	2473558	31.160	ng/ul	100
61) Fluorene	15.334	166	2040901	28.842	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.334	204	1009612	29.457	ng/ul	92
63) 4-Nitroaniline	15.375	138	518503	33.314	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.434	198	435139	37.051	ng/ul	95
67) N-Nitrosodiphenylamine	15.551	169	1933992	31.923	ng/ul	97
68) 4-Bromophenyl-phenylether	16.228	248	693009	32.543	ng/ul	96
69) Hexachlorobenzene	16.333	284	793090	32.859	ng/ul	96
70) Atrazine	16.510	200	292369	15.285	ng/ul	98
71) Pentachlorophenol	16.686	266	460257	29.805	ng/ul	91
72) Phenanthrene	17.075	178	3453326	30.844	ng/ul	99
74) Anthracene	17.169	178	3420797	30.153	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.069	216	905099	31.994	ng/ul	97
76) Pentachlorobenzene	14.598	250	906584	32.902	ng/ul	97
77) Carbazole	17.445	167	3116840	32.220	ng/ul	99
78) Di-n-butylphthalate	18.004	149	4241032	31.866	ng/ul	100
80) Fluoranthene	19.098	202	3725713	36.705	ng/ul	97
82) Pyrene	19.463	202	3872328	37.183	ng/ul	95
83) Butylbenzylphthalate	20.374	149	1826320	37.129	ng/ul	89
84) 3,3'-Dichlorobenzidine	21.186	252	980725	32.222	ng/ul	95
85) Benzo(a)anthracene	21.251	228	3246924	30.563	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.174	149	2571366	35.862	ng/ul	97
87) Chrysene	21.316	228	3065973	30.897	ng/ul	95
89) Di-n-octyl phthalate	22.280	149	4341025	44.494	ng/ul	100
90) Benzo(b)fluoranthene	23.257	252	2836850	32.567	ng/ul	98
91) Benzo(k)fluoranthene	23.321	252	2806094	32.829	ng/ul	98
93) Benzo(a)pyrene	24.045	252	2392572	29.327	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.456	276	2964507	31.533	ng/ul	98
95) Dibenzo(a,h)anthracene	27.509	278	2445731	31.865	ng/ul	94
96) Benzo(g,h,i)perylene	28.480	276	2303925	30.829	ng/ul	97

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

