

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111924\
 Data File : BP023259.D
 Acq On : 20 Nov 2024 20:25
 Operator : RC/JU
 Sample : PB165085BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS085

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/22/2024
 Supervised By :mohammad ahmed 11/22/2024

Quant Time: Nov 21 01:43:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 20 04:34:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	64668	20.000	ng/u1	0.00
20) Naphthalene-d8	10.310	136	242055	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.187	164	191652	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.004	188	493612	20.000	ng/u1	0.00
79) Chrysene-d12	21.433	240	593495	20.000	ng/u1	0.01
88) Perylene-d12	24.651	264	695877	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	11601	8.623	ng/uL	0.00
4) Pyridine-d5	3.546	84	145067	36.293	ng/u1	0.00
7) Phenol-d5	6.775	99	179507	37.545	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.916	67	109137	38.853	ng/u1	0.00
11) 2-Chlorophenol-d4	7.116	132	134439	38.394	ng/u1	0.00
15) 4-Methylphenol-d8	8.281	113	140920	35.817	ng/u1	0.00
21) Nitrobenzene-d5	8.710	128	66408	39.408	ng/u1	0.00
24) 2-Nitrophenol-d4	9.422	143	79134	39.390	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.957	165	167852	39.897	ng/u1	0.00
31) 4-Chloroaniline-d4	10.469	131	161111	32.099	ng/u1	0.00
46) Dimethylphthalate-d6	13.592	166	561830	40.674	ng/u1	0.00
49) Acenaphthylene-d8	13.869	160	596810	41.408	ng/u1	0.00
54) 4-Nitrophenol-d4	14.445	143	72489	34.921	ng/u1	-0.01
60) Fluorene-d10	15.192	176	493244	40.729	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.351	200	114743	38.804	ng/u1	0.00
73) Anthracene-d10	17.104	188	834333	39.920	ng/u1	0.00
81) Pyrene-d10	19.486	212	1113714	40.740	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.433	264	1403019	42.327	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.169	88	21749	13.991	ng/uL	94
5) Pyridine	3.564	79	142032	35.382	ng/u1	98
6) Benzaldehyde	6.740	77	71109m	25.845	ng/u1	
8) Phenol	6.799	94	182249	36.503	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.005	93	136667	36.428	ng/u1	97
12) 2-Chlorophenol	7.146	128	133379	36.689	ng/u1	94
13) 2-Methylphenol	8.016	108	132772	35.626	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.075	45	158371	37.289	ng/u1	95
16) Acetophenone	8.381	105	229160	34.662	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.363	70	121061	36.672	ng/u1	98
18) 4-Methylphenol	8.340	108	142603	34.643	ng/u1	99
19) Hexachloroethane	8.610	117	64179	36.503	ng/u1	99
22) Nitrobenzene	8.752	77	192546	39.821	ng/u1	96
23) Isophorone	9.269	82	332674	38.478	ng/u1	99
25) 2-Nitrophenol	9.451	139	80721	38.068	ng/u1	98
26) 2,4-Dimethylphenol	9.516	107	140226	30.625	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.740	93	182841	38.435	ng/u1	98
29) 2,4-Dichlorophenol	9.987	162	157128	37.706	ng/u1	96
30) Naphthalene	10.363	128	443632	37.725	ng/u1	98
32) 4-Chloroaniline	10.493	127	124707	25.646	ng/u1	97
33) Hexachlorobutadiene	10.628	225	143329	38.012	ng/u1	96
34) Caprolactam	11.281	113	43780m	35.320	ng/u1	
35) 4-Chloro-3-methylphenol	11.628	107	171622	38.282	ng/u1	96
36) 2-Methylnaphthalene	11.975	142	331532	37.343	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.193	142	322691	35.555	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.351	216	254248	39.295	ng/ul	95
40) Hexachlorocyclopentadiene	12.316	237	95686	28.156	ng/ul	97
41) 2,4,6-Trichlorophenol	12.604	196	148550	37.704	ng/ul	97
42) 2,4,5-Trichlorophenol	12.692	196	159959	37.660	ng/ul	96
43) 1,1'-Biphenyl	12.992	154	479387	39.036	ng/ul	99
44) 2-Chloronaphthalene	13.040	162	396073	39.454	ng/ul	99
45) 2-Nitroaniline	13.269	65	121261	43.019	ng/ul	94
47) Dimethylphthalate	13.639	163	533939	39.196	ng/ul	99
48) 2,6-Dinitrotoluene	13.769	165	107355	40.514	ng/ul	95
50) Acenaphthylene	13.904	152	592514	40.670	ng/ul	99
51) 3-Nitroaniline	14.110	138	87060	38.146	ng/ul	99
52) Acenaphthene	14.257	153	417175	39.442	ng/ul	98
53) 2,4-Dinitrophenol	14.339	184	65867	35.032	ng/ul	98
55) 4-Nitrophenol	14.463	109	91494	37.673	ng/ul	96
56) Dibenzofuran	14.604	168	645175	39.480	ng/ul	99
57) 2,4-Dinitrotoluene	14.598	165	173437	41.067	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	14.828	232	147354	35.491	ng/ul	97
59) Diethylphthalate	15.028	149	535268	39.730	ng/ul	99
61) Fluorene	15.257	166	531075	39.705	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.257	204	311509	39.554	ng/ul	96
63) 4-Nitroaniline	15.310	138	100182	47.173	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.369	198	116184	36.782	ng/ul#	96
67) N-Nitrosodiphenylamine	15.469	169	463570	40.642	ng/ul	99
68) 4-Bromophenyl-phenylether	16.163	248	225234	40.295	ng/ul	97
69) Hexachlorobenzene	16.292	284	275959	39.217	ng/ul	98
70) Atrazine	16.457	200	82081	14.887	ng/ul	97
71) Pentachlorophenol	16.651	266	140383	32.134	ng/ul	98
72) Phenanthrene	17.045	178	940787	40.367	ng/ul	99
74) Anthracene	17.139	178	923068	39.394	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.963	216	255680	39.232	ng/uL	98
76) Pentachlorobenzene	14.510	250	286372	38.483	ng/uL	96
77) Carbazole	17.433	167	826424	40.425	ng/ul	99
78) Di-n-butylphthalate	18.004	149	954392	42.070	ng/ul	100
80) Fluoranthene	19.139	202	1257424	39.926	ng/ul	100
82) Pyrene	19.516	202	1313071	38.811	ng/ul	98
83) Butylbenzylphthalate	20.469	149	465754	41.813	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.339	252	478017	35.881	ng/ul	99
85) Benzo(a)anthracene	21.416	228	1500790	41.413	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.339	149	668901	42.257	ng/ul	97
87) Chrysene	21.480	228	1358062	39.827	ng/ul	99
89) Di-n-octyl phthalate	22.557	149	1158931	41.051	ng/ul	100
90) Benzo(b)fluoranthene	23.627	252	1596020	41.206	ng/ul	99
91) Benzo(k)fluoranthene	23.698	252	1607079m	42.148	ng/ul	
93) Benzo(a)pyrene	24.498	252	1396954	39.898	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.286	276	1922790	39.416	ng/ul	98
95) Dibenzo(a,h)anthracene	28.339	278	1561086m	39.413	ng/ul	
96) Benzo(g,h,i)perylene	29.421	276	1490820m	40.236	ng/ul	

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

