

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
 Data File : BP021213.D
 Acq On : 29 Jul 2024 17:05
 Operator : MA/JU
 Sample : PB162210BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS210

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/30/2024
 Supervised By :mohammad ahmed 09/04/2024

Supervised By :mohammad
 ahmed
 08/03/2024

Quant Time: Jul 30 00:42:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	218666	20.000	ng/u1	0.00
20) Naphthalene-d8	10.393	136	804383	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.275	164	492493	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.098	188	999213	20.000	ng/u1	0.00
79) Chrysene-d12	21.551	240	1057483	20.000	ng/u1	0.02
88) Perylene-d12	24.862	264	1280755	20.000	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	28212	5.871	ng/uL	0.00
4) Pyridine-d5	3.587	84	321400	23.103	ng/u1	0.00
7) Phenol-d5	6.840	99	425230	23.853	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	266847	24.699	ng/u1	0.00
11) 2-Chlorophenol-d4	7.181	132	353679	24.079	ng/u1	0.00
15) 4-Methylphenol-d8	8.357	113	330794	22.341	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	167847	26.865	ng/u1	0.00
24) 2-Nitrophenol-d4	9.504	143	192748	26.954	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.051	165	337141	26.073	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	395776	23.104	ng/u1	0.00
46) Dimethylphthalate-d6	13.687	166	946624	26.441	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	1078276	26.823	ng/u1	0.00
54) 4-Nitrophenol-d4	14.569	143	173358m	34.033	ng/u1	-0.02
60) Fluorene-d10	15.298	176	796525	27.119	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.469	200	167306	27.673	ng/u1	0.00
73) Anthracene-d10	17.204	188	1193823	26.900	ng/u1	0.01
81) Pyrene-d10	19.598	212	1530891	23.416	ng/u1	0.02
92) Benzo(a)pyrene-d12	24.627	264	1765408	27.948	ng/u1	0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.205	88	51158	9.680	ng/uL	97
5) Pyridine	3.605	79	338390	23.583	ng/u1	98
6) Benzaldehyde	6.805	77	221062	24.596	ng/u1	99
8) Phenol	6.869	94	443902	24.607	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.075	93	364089	24.432	ng/u1	98
12) 2-Chlorophenol	7.210	128	368793	25.052	ng/u1	98
13) 2-Methylphenol	8.099	108	331728	23.778	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.146	45	529126	24.577	ng/u1	97
16) Acetophenone	8.457	105	530398	23.210	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.434	70	267476	22.339	ng/u1	98
18) 4-Methylphenol	8.428	108	347972	23.282	ng/u1	98
19) Hexachloroethane	8.675	117	167039	25.250	ng/u1	99
22) Nitrobenzene	8.840	77	411268	27.479	ng/u1	99
23) Isophorone	9.346	82	733211	24.643	ng/u1	100
25) 2-Nitrophenol	9.540	139	206378	27.672	ng/u1	97
26) 2,4-Dimethylphenol	9.604	107	301193	20.480	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.822	93	461856	25.537	ng/u1	99
29) 2,4-Dichlorophenol	10.075	162	333801	26.194	ng/u1	98
30) Naphthalene	10.445	128	1117534	26.412	ng/u1	100
32) 4-Chloroaniline	10.587	127	364056	22.256	ng/u1	98
33) Hexachlorobutadiene	10.710	225	260295	27.241	ng/u1	99
34) Caprolactam	11.404	113	99696m	25.396	ng/u1	
35) 4-Chloro-3-methylphenol	11.740	107	355732	25.681	ng/u1	100
36) 2-Methylnaphthalene	12.063	142	749784	25.815	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.287	142	742792	24.867	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.434	216	441620	27.611	ng/ul	98
40) Hexachlorocyclopentadiene	12.392	237	107064	12.796	ng/ul	99
41) 2,4,6-Trichlorophenol	12.698	196	237190	23.469	ng/ul	97
42) 2,4,5-Trichlorophenol	12.804	196	258820	24.205	ng/ul	96
43) 1,1'-Biphenyl	13.087	154	968475	26.908	ng/ul	99
44) 2-Chloronaphthalene	13.139	162	780614	27.168	ng/ul	98
45) 2-Nitroaniline	13.369	65	225212	28.343	ng/ul	95
47) Dimethylphthalate	13.739	163	949872	26.148	ng/ul	100
48) 2,6-Dinitrotoluene	13.875	165	195665	26.941	ng/ul	97
50) Acenaphthylene	13.992	152	1205096	26.476	ng/ul	99
51) 3-Nitroaniline	14.228	138	185521	29.355	ng/ul	99
52) Acenaphthene	14.345	153	801158	26.520	ng/ul	98
53) 2,4-Dinitrophenol	14.463	184	100264	26.288	ng/ul	95
55) 4-Nitrophenol	14.592	109	123495	29.804	ng/ul	88
56) Dibenzofuran	14.692	168	1110461	26.843	ng/ul	98
57) 2,4-Dinitrotoluene	14.704	165	279012	27.986	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	14.945	232	189550	20.701	ng/ul	96
59) Diethylphthalate	15.122	149	959078	26.418	ng/ul	100
61) Fluorene	15.357	166	901286	26.698	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.345	204	484825	26.467	ng/ul	98
63) 4-Nitroaniline	15.428	138	192247	36.732	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.481	198	179231	27.955	ng/ul	100
67) N-Nitrosodiphenylamine	15.575	169	772400	26.546	ng/ul	99
68) 4-Bromophenyl-phenylether	16.263	248	310888	26.545	ng/ul	99
69) Hexachlorobenzene	16.380	284	358162	26.671	ng/ul	99
70) Atrazine	16.563	200	26595	2.508	ng/ul	97
71) Pentachlorophenol	16.763	266	127926m	17.540	ng/ul	
72) Phenanthrene	17.145	178	1447432	27.924	ng/ul	99
74) Anthracene	17.245	178	1428275	27.028	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.057	216	434359	27.159	ng/ul	98
76) Pentachlorobenzene	14.604	250	417708	26.285	ng/ul	100
77) Carbazole	17.533	167	1299002	30.071	ng/ul	99
78) Di-n-butylphthalate	18.104	149	1695858	28.454	ng/ul	100
80) Fluoranthene	19.251	202	1768775	22.403	ng/ul	98
82) Pyrene	19.627	202	1873762	23.322	ng/ul	99
83) Butylbenzylphthalate	20.563	149	820791	24.520	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.457	252	702694	29.080	ng/ul	100
85) Benzo(a)anthracene	21.527	228	1997336	26.963	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.439	149	1237848	25.696	ng/ul	99
87) Chrysene	21.598	228	1904497	27.668	ng/ul	100
89) Di-n-octyl phthalate	22.686	149	2177300	25.734	ng/ul	100
90) Benzo(b)fluoranthene	23.804	252	2167032	27.882	ng/ul	99
91) Benzo(k)fluoranthene	23.874	252	2145310	27.658	ng/ul	99
93) Benzo(a)pyrene	24.698	252	1935964	26.359	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.639	276	2677916	28.295	ng/ul	99
95) Dibenzo(a,h)anthracene	28.692	278	2202345	28.101	ng/ul	99
96) Benzo(g,h,i)perylene	29.809	276	2126375m	27.587	ng/ul	

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

