

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
 Data File : BP021228.D
 Acq On : 30 Jul 2024 04:44
 Operator : MA/JU
 Sample : PB162202BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS202

Manual Integrations
 APPROVED

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

Quant Time: Jul 30 05:27:11 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	162334	20.000	ng/u1	0.00
20) Naphthalene-d8	10.399	136	634118	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.269	164	423581	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.086	188	938564	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	991457	20.000	ng/u1	0.00
88) Perylene-d12	24.839	264	1185451	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	18743	5.254	ng/uL	0.00
4) Pyridine-d5	3.593	84	231011	22.368	ng/u1	0.00
7) Phenol-d5	6.846	99	318369	24.056	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	180506	22.506	ng/u1	0.00
11) 2-Chlorophenol-d4	7.181	132	270368	24.795	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	256785	23.361	ng/u1	0.00
21) Nitrobenzene-d5	8.799	128	131658	26.731	ng/u1	0.00
24) 2-Nitrophenol-d4	9.505	143	152653	27.079	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	282756	27.739	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	327207	24.230	ng/u1	0.00
46) Dimethylphthalate-d6	13.675	166	837878	27.211	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	935253	27.050	ng/u1	0.00
54) 4-Nitrophenol-d4	14.563	143	162892	37.181	ng/u1	-0.02
60) Fluorene-d10	15.281	176	718994	28.462	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	162620	28.636	ng/u1	0.00
73) Anthracene-d10	17.186	188	1141465	27.382	ng/u1	0.00
81) Pyrene-d10	19.575	212	1460131	23.821	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.604	264	1649007	28.204	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.211	88	35109	8.949	ng/uL	96
5) Pyridine	3.611	79	239311	22.466	ng/u1	94
6) Benzaldehyde	6.811	77	154263	23.120	ng/u1	96
8) Phenol	6.875	94	330072	24.647	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.081	93	257814	23.304	ng/u1	97
12) 2-Chlorophenol	7.216	128	278890	25.519	ng/u1	96
13) 2-Methylphenol	8.099	108	254744	24.596	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.146	45	328395	20.546	ng/u1#	92
16) Acetophenone	8.463	105	417661	24.619	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.434	70	202013	22.726	ng/u1	95
18) 4-Methylphenol	8.428	108	274262	24.718	ng/u1	96
19) Hexachloroethane	8.675	117	120169	24.469	ng/u1	91
22) Nitrobenzene	8.840	77	302123	25.607	ng/u1	97
23) Isophorone	9.346	82	556372	23.720	ng/u1	98
25) 2-Nitrophenol	9.540	139	164114	27.914	ng/u1	96
26) 2,4-Dimethylphenol	9.605	107	251328	21.678	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.816	93	344957	24.195	ng/u1	99
29) 2,4-Dichlorophenol	10.075	162	283079	28.178	ng/u1	97
30) Naphthalene	10.446	128	890441	26.696	ng/u1	99
32) 4-Chloroaniline	10.581	127	302545	23.462	ng/u1	99
33) Hexachlorobutadiene	10.710	225	216166	28.698	ng/u1	99
34) Caprolactam	11.404	113	87579	28.300	ng/u1	81
35) 4-Chloro-3-methylphenol	11.734	107	299530	27.430	ng/u1	96
36) 2-Methylnaphthalene	12.063	142	611886	26.724	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.281	142	614286	26.086	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.434	216	389913	28.345	ng/ul	98
40) Hexachlorocyclopentadiene	12.387	237	98857	13.737	ng/ul	99
41) 2,4,6-Trichlorophenol	12.693	196	218491	25.136	ng/ul	99
42) 2,4,5-Trichlorophenol	12.798	196	243495	26.476	ng/ul	97
43) 1,1'-Biphenyl	13.081	154	826469	26.698	ng/ul	99
44) 2-Chloronaphthalene	13.128	162	659671	26.694	ng/ul	99
45) 2-Nitroaniline	13.369	65	183639	26.871	ng/ul	99
47) Dimethylphthalate	13.734	163	852531	27.286	ng/ul	100
48) 2,6-Dinitrotoluene	13.869	165	179260	28.698	ng/ul	94
50) Acenaphthylene	13.987	152	1044547	26.683	ng/ul	99
51) 3-Nitroaniline	14.222	138	169652	31.211	ng/ul	89
52) Acenaphthene	14.334	153	692146	26.639	ng/ul	97
53) 2,4-Dinitrophenol	14.463	184	96509	29.420	ng/ul	91
55) 4-Nitrophenol	14.581	109	113533	31.858	ng/ul	85
56) Dibenzofuran	14.681	168	991328	27.861	ng/ul	98
57) 2,4-Dinitrotoluene	14.681	165	266205	31.045	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	14.934	232	190968	24.249	ng/ul#	93
59) Diethylphthalate	15.116	149	869212	27.838	ng/ul	98
61) Fluorene	15.340	166	817130	28.143	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.334	204	446813	28.360	ng/ul	95
63) 4-Nitroaniline	15.416	138	173106	38.456	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.475	198	172183	28.591	ng/ul	94
67) N-Nitrosodiphenylamine	15.563	169	704468	25.775	ng/ul	100
68) 4-Bromophenyl-phenylether	16.257	248	301381	27.396	ng/ul	97
69) Hexachlorobenzene	16.369	284	367884	29.165	ng/ul	94
70) Atrazine	16.557	200	35560	3.570	ng/ul	100
71) Pentachlorophenol	16.745	266	144056	21.027	ng/ul	96
72) Phenanthrene	17.122	178	1335236	27.424	ng/ul	100
74) Anthracene	17.228	178	1334674	26.889	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.051	216	388531	25.864	ng/ul	97
76) Pentachlorobenzene	14.592	250	398613	26.704	ng/ul	99
77) Carbazole	17.522	167	1213117	29.897	ng/ul	99
78) Di-n-butylphthalate	18.086	149	1517807	27.113	ng/ul	100
80) Fluoranthene	19.233	202	1715770	23.179	ng/ul	97
82) Pyrene	19.610	202	1784090	23.685	ng/ul	96
83) Butylbenzylphthalate	20.545	149	719514	22.926	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.433	252	679266	29.983	ng/ul	99
85) Benzo(a)anthracene	21.516	228	1880383	27.075	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.422	149	1045952	23.158	ng/ul#	98
87) Chrysene	21.586	228	1801850	27.920	ng/ul	100
89) Di-n-octyl phthalate	22.674	149	1850904	23.635	ng/ul	100
90) Benzo(b)fluoranthene	23.786	252	2015867	28.022	ng/ul	99
91) Benzo(k)fluoranthene	23.851	252	1969149	27.428	ng/ul	98
93) Benzo(a)pyrene	24.674	252	1778549	26.162	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.609	276	2503112m	28.574	ng/ul	
95) Dibenzo(a,h)anthracene	28.633	278	2073201m	28.580	ng/ul	
96) Benzo(g,h,i)perylene	29.774	276	2007582m	28.140	ng/ul	

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

