

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
 Data File : BP021227.D
 Acq On : 30 Jul 2024 04:01
 Operator : MA/JU
 Sample : PB162215BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS215

Quant Time: Jul 30 04:29:51 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	183414	20.000	ng/u1	0.00
20) Naphthalene-d8	10.393	136	706860	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.275	164	466316	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.098	188	1053227	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	1122894	20.000	ng/u1	# 0.00
88) Perylene-d12	24.833	264	1316703	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.170	96	22866	5.673	ng/uL	0.00
4) Pyridine-d5	3.593	84	278882	23.900	ng/u1	0.00
7) Phenol-d5	6.852	99	374628	25.053	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	209104	23.075	ng/u1	0.00
11) 2-Chlorophenol-d4	7.187	132	316719	25.707	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	296727	23.892	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	148950	27.130	ng/u1	0.00
24) 2-Nitrophenol-d4	9.505	143	176549	28.095	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	318732	28.050	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	380933	25.306	ng/u1	0.00
46) Dimethylphthalate-d6	13.687	166	962447	28.392	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	1048536	27.547	ng/u1	0.00
54) 4-Nitrophenol-d4	14.569	143	192941m	40.004	ng/u1	-0.02
60) Fluorene-d10	15.293	176	831995	29.917	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	188987	29.656	ng/u1	0.00
73) Anthracene-d10	17.192	188	1327333	28.374	ng/u1	0.00
81) Pyrene-d10	19.581	212	1693084	24.388	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.604	264	1921721	29.592	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.205	88	40576	9.153	ng/uL	97
5) Pyridine	3.611	79	282351	23.460	ng/u1	95
6) Benzaldehyde	6.811	77	184365	24.456	ng/u1	99
8) Phenol	6.875	94	385180	25.456	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.075	93	301715	24.138	ng/u1	97
12) 2-Chlorophenol	7.216	128	332913	26.961	ng/u1	98
13) 2-Methylphenol	8.093	108	288016	24.612	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.140	45	380670	21.079	ng/u1#	93
16) Acetophenone	8.452	105	477172	24.894	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.434	70	224969	22.400	ng/u1	94
18) 4-Methylphenol	8.428	108	312692	24.942	ng/u1	99
19) Hexachloroethane	8.681	117	143136	25.796	ng/u1	93
22) Nitrobenzene	8.828	77	342683	26.056	ng/u1	97
23) Isophorone	9.352	82	650219	24.869	ng/u1	97
25) 2-Nitrophenol	9.534	139	189703	28.946	ng/u1	95
26) 2,4-Dimethylphenol	9.599	107	289785	22.423	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.822	93	395159	24.864	ng/u1	99
29) 2,4-Dichlorophenol	10.075	162	317133	28.320	ng/u1	97
30) Naphthalene	10.452	128	1016795	27.347	ng/u1	99
32) 4-Chloroaniline	10.581	127	343365	23.887	ng/u1	99
33) Hexachlorobutadiene	10.699	225	248778	29.628	ng/u1	99
34) Caprolactam	11.399	113	101715m	29.485	ng/u1	
35) 4-Chloro-3-methylphenol	11.734	107	342944	28.174	ng/u1	95
36) 2-Methylnaphthalene	12.069	142	686991	26.917	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.287	142	706371	26.910	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.440	216	442927	29.248	ng/ul	96
40) Hexachlorocyclopentadiene	12.393	237	115479	14.577	ng/ul	98
41) 2,4,6-Trichlorophenol	12.710	196	244664	25.568	ng/ul	98
42) 2,4,5-Trichlorophenol	12.793	196	273409	27.004	ng/ul	98
43) 1,1'-Biphenyl	13.093	154	944087	27.703	ng/ul	99
44) 2-Chloronaphthalene	13.134	162	753628	27.701	ng/ul	100
45) 2-Nitroaniline	13.381	65	214372	28.493	ng/ul	97
47) Dimethylphthalate	13.734	163	987828	28.719	ng/ul	100
48) 2,6-Dinitrotoluene	13.869	165	209852	30.516	ng/ul	96
50) Acenaphthylene	13.993	152	1196619	27.766	ng/ul	99
51) 3-Nitroaniline	14.216	138	195412	32.655	ng/ul	91
52) Acenaphthene	14.340	153	783882	27.405	ng/ul	99
53) 2,4-Dinitrophenol	14.451	184	114971	31.836	ng/ul	94
55) 4-Nitrophenol	14.587	109	137018	34.924	ng/ul	91
56) Dibenzofuran	14.687	168	1136973	29.026	ng/ul	95
57) 2,4-Dinitrotoluene	14.693	165	311480	32.996	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.928	232	219184	25.281	ng/ul	96
59) Diethylphthalate	15.116	149	985133	28.659	ng/ul	99
61) Fluorene	15.351	166	933213	29.196	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.345	204	511032	29.463	ng/ul	95
63) 4-Nitroaniline	15.410	138	205810	41.531	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.469	198	201501	29.817	ng/ul	95
67) N-Nitrosodiphenylamine	15.569	169	814874	26.569	ng/ul	99
68) 4-Bromophenyl-phenylether	16.257	248	347986	28.188	ng/ul	95
69) Hexachlorobenzene	16.375	284	425419	30.055	ng/ul	95
70) Atrazine	16.557	200	42248	3.780	ng/ul	98
71) Pentachlorophenol	16.751	266	163372	21.251	ng/ul	98
72) Phenanthrene	17.139	178	1553164	28.427	ng/ul	99
74) Anthracene	17.234	178	1528219	27.436	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.051	216	442346	26.240	ng/uL	99
76) Pentachlorobenzene	14.604	250	454143	27.112	ng/uL	99
77) Carbazole	17.534	167	1416898	31.118	ng/ul	100
78) Di-n-butylphthalate	18.087	149	1795795	28.586	ng/ul	100
80) Fluoranthene	19.228	202	1984205	23.667	ng/ul	97
82) Pyrene	19.610	202	2068994	24.252	ng/ul	97
83) Butylbenzylphthalate	20.551	149	856568	24.098	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.445	252	790526	30.809	ng/ul	99
85) Benzo(a)anthracene	21.516	228	2196880	27.929	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.427	149	1261798	24.667	ng/ul#	98
87) Chrysene	21.586	228	2063519	28.232	ng/ul	100
89) Di-n-octyl phthalate	22.663	149	2203877	25.337	ng/ul	100
90) Benzo(b)fluoranthene	23.792	252	2276252	28.487	ng/ul	98
91) Benzo(k)fluoranthene	23.857	252	2343126	29.384	ng/ul	98
93) Benzo(a)pyrene	24.680	252	2071946	27.440	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.574	276	2860232m	29.396	ng/ul	
95) Dibenzo(a,h)anthracene	28.645	278	2346072	29.118	ng/ul	97
96) Benzo(g,h,i)perylene	29.768	276	2250189	28.397	ng/ul#	95

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

