

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
 Data File : BP020867.D
 Acq On : 09 Jul 2024 16:56
 Operator : MA/JU
 Sample : PB161773BS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS773

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/10/2024
 Supervised By :mohammad ahmed 07/10/2024

Quant Time: Jul 09 23:16:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 15:01:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	201823	20.000	ng/u1	0.00
20) Naphthalene-d8	10.493	136	828571	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.363	164	545519	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.175	188	1184585	20.000	ng/u1	0.01
79) Chrysene-d12	21.627	240	1092888	20.000	ng/u1	0.00
88) Perylene-d12	24.998	264	1266762	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	30637	6.519	ng/uL	-0.01
4) Pyridine-d5	3.675	84	364963	26.644	ng/u1	0.00
7) Phenol-d5	6.922	99	518304	31.311	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.069	67	306280	29.186	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.269	132	420778	31.103	ng/u1	0.00
15) 4-Methylphenol-d8	8.440	113	423847	31.527	ng/u1	0.00
21) Nitrobenzene-d5	8.881	128	207936	33.991	ng/u1	0.00
24) 2-Nitrophenol-d4	9.593	143	242288	39.578	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	433697	34.393	ng/u1	0.00
31) 4-Chloroaniline-d4	10.640	131	497499	28.152	ng/u1	0.00
46) Dimethylphthalate-d6	13.769	166	1269549	33.471	ng/u1	0.01
49) Acenaphthylene-d8	14.051	160	1440272	31.823	ng/u1	0.01
54) 4-Nitrophenol-d4	14.616	143	219625	37.897	ng/u1	0.04
60) Fluorene-d10	15.381	176	1086278	34.034	ng/u1	0.02
65) 4,6-Dinitro-2-methylph...	15.522	200	198031	33.173	ng/u1	0.02
73) Anthracene-d10	17.281	188	1693714	31.858	ng/u1	0.02
81) Pyrene-d10	19.663	212	2020659	30.776	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.757	264	2053209	33.320	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	51178	9.731	ng/uL	97
5) Pyridine	3.693	79	385271	27.153	ng/u1	99
6) Benzaldehyde	6.887	77	270760	32.345	ng/u1	98
8) Phenol	6.946	94	536789	31.799	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.163	93	410296	29.358	ng/u1	99
12) 2-Chlorophenol	7.299	128	431963	31.762	ng/u1	99
13) 2-Methylphenol	8.181	108	401850	31.027	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.246	45	583338	27.466	ng/u1	99
16) Acetophenone	8.546	105	647152	30.142	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.528	70	322231	28.236	ng/u1	98
18) 4-Methylphenol	8.505	108	435864	31.794	ng/u1	100
19) Hexachloroethane	8.787	117	183023	31.001	ng/u1	94
22) Nitrobenzene	8.922	77	489965	30.896	ng/u1	98
23) Isophorone	9.440	82	928855	29.561	ng/u1	98
25) 2-Nitrophenol	9.622	139	253222	38.303	ng/u1	92
26) 2,4-Dimethylphenol	9.687	107	388994	25.264	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.916	93	559511	29.933	ng/u1	99
29) 2,4-Dichlorophenol	10.157	162	426069	34.137	ng/u1	99
30) Naphthalene	10.540	128	1348845	30.415	ng/u1	100
32) 4-Chloroaniline	10.663	127	489290	28.758	ng/u1	99
33) Hexachlorobutadiene	10.810	225	298948	32.038	ng/u1	98
34) Caprolactam	11.469	113	142114m	37.416	ng/u1	
35) 4-Chloro-3-methylphenol	11.804	107	469297	34.055	ng/u1	97
36) 2-Methylnaphthalene	12.157	142	935845	31.502	ng/u1	99

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37) 1-Methylnaphthalene	12.381	142	938824	30.914	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.528	216	555124	31.828	ng/ul	98
40) Hexachlorocyclopentadiene	12.498	237	157729	14.530	ng/ul	98
41) 2,4,6-Trichlorophenol	12.781	196	335958	32.289	ng/ul	98
42) 2,4,5-Trichlorophenol	12.863	196	370938	34.374	ng/ul	97
43) 1,1'-Biphenyl	13.181	154	1232633	30.213	ng/ul	99
44) 2-Chloronaphthalene	13.222	162	985007	30.654	ng/ul	100
45) 2-Nitroaniline	13.445	65	305699	37.771	ng/ul	95
47) Dimethylphthalate	13.822	163	1269874	32.867	ng/ul	99
48) 2,6-Dinitrotoluene	13.951	165	273359	39.678	ng/ul	90
50) Acenaphthylene	14.081	152	1567175	30.655	ng/ul	99
51) 3-Nitroaniline	14.292	138	278696	43.524	ng/ul	93
52) Acenaphthene	14.428	153	1026883	30.280	ng/ul	99
53) 2,4-Dinitrophenol	14.510	184	118711	33.219	ng/ul	98
55) 4-Nitrophenol	14.628	109	181884	35.071	ng/ul	94
56) Dibenzofuran	14.769	168	1439854	31.508	ng/ul	99
57) 2,4-Dinitrotoluene	14.751	165	394229	41.454	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.016	232	290840	32.632	ng/ul	92
59) Diethylphthalate	15.198	149	1278319	33.542	ng/ul	99
61) Fluorene	15.439	166	1195638	32.564	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.422	204	627164	32.733	ng/ul	96
63) 4-Nitroaniline	15.481	138	296964m	48.867	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.534	198	211506	33.075	ng/ul	92
67) N-Nitrosodiphenylamine	15.645	169	1041329	29.808	ng/ul	98
68) 4-Bromophenyl-phenylether	16.339	248	409317	30.978	ng/ul	93
69) Hexachlorobenzene	16.457	284	484994	32.790	ng/ul	93
70) Atrazine	16.622	200	90798	7.373	ng/ul	97
71) Pentachlorophenol	16.828	266	225964	26.536	ng/ul	99
72) Phenanthrene	17.222	178	1971120	31.776	ng/ul	100
74) Anthracene	17.316	178	1933005	30.294	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.145	216	552484	28.732	ng/ul	99
76) Pentachlorobenzene	14.687	250	548189	29.912	ng/ul	98
77) Carbazole	17.598	167	1800521	34.192	ng/ul	100
78) Di-n-butylphthalate	18.175	149	2254572	32.964	ng/ul	100
80) Fluoranthene	19.310	202	2378450	29.657	ng/ul	99
82) Pyrene	19.692	202	2435285	29.608	ng/ul	100
83) Butylbenzylphthalate	20.639	149	1032818	33.817	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.527	252	763211	31.585	ng/ul	98
85) Benzo(a)anthracene	21.610	228	2395506	31.272	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.533	149	1470208	31.004	ng/ul#	98
87) Chrysene	21.674	228	2267196	31.312	ng/ul	100
89) Di-n-octyl phthalate	22.804	149	2632594	32.372	ng/ul	100
90) Benzo(b)fluoranthene	23.921	252	2449443	31.918	ng/ul	99
91) Benzo(k)fluoranthene	23.992	252	2418910	31.160	ng/ul	98
93) Benzo(a)pyrene	24.833	252	2132463	29.436	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.798	276	2979364m	32.064	ng/ul	
95) Dibenzo(a,h)anthracene	28.880	278	2431247m	31.835	ng/ul	
96) Benzo(g,h,i)perylene	29.997	276	2316478m	30.534	ng/ul	

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

