

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
 Data File : BP020784.D
 Acq On : 05 Jul 2024 11:29
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020672

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

Quant Time: Jul 05 12:21:06 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	192832	20.000	ng/u1	0.00
20) Naphthalene-d8	10.493	136	783121	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.357	164	503347	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.169	188	1098923	20.000	ng/u1	0.00
79) Chrysene-d12	21.627	240	1089627	20.000	ng/u1	0.00
88) Perylene-d12	24.968	264	1278476	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	31141	6.935	ng/uL	0.00
4) Pyridine-d5	3.675	84	230604	17.620	ng/u1	0.00
7) Phenol-d5	6.916	99	294883	18.645	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.075	67	172674	17.222	ng/u1	0.00
11) 2-Chlorophenol-d4	7.269	132	246366	19.060	ng/u1	0.00
15) 4-Methylphenol-d8	8.434	113	241150	18.774	ng/u1	0.00
21) Nitrobenzene-d5	8.881	128	118303	20.461	ng/u1	0.00
24) 2-Nitrophenol-d4	9.593	143	134113	23.179	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.122	165	241456	20.259	ng/u1	0.00
31) 4-Chloroaniline-d4	10.646	131	321912	19.273	ng/u1	0.00
46) Dimethylphthalate-d6	13.763	166	690409	19.728	ng/u1	0.00
49) Acenaphthylene-d8	14.045	160	792319	18.973	ng/u1	0.00
54) 4-Nitrophenol-d4	14.598	143	118930	22.241	ng/u1	0.02
60) Fluorene-d10	15.375	176	586912	19.929	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.504	200	111750	20.179	ng/u1	0.00
73) Anthracene-d10	17.275	188	938903	19.037	ng/u1	0.01
81) Pyrene-d10	19.657	212	1137935	17.384	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.727	264	1196290	19.236	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	33611	6.689	ng/uL	97
5) Pyridine	3.699	79	238379	17.584	ng/u1	98
6) Benzaldehyde	6.887	77	175562	21.950	ng/u1	98
8) Phenol	6.946	94	297080	18.420	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.163	93	236777	17.732	ng/u1	98
12) 2-Chlorophenol	7.299	128	244355	18.805	ng/u1	98
13) 2-Methylphenol	8.175	108	229786	18.569	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.240	45	334378	16.478	ng/u1	99
16) Acetophenone	8.552	105	368164	17.947	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.528	70	182245	16.714	ng/u1	98
18) 4-Methylphenol	8.499	108	242841	18.540	ng/u1	99
19) Hexachloroethane	8.793	117	100706	17.853	ng/u1	92
22) Nitrobenzene	8.922	77	276948	18.477	ng/u1	96
23) Isophorone	9.440	82	515975	17.374	ng/u1	98
25) 2-Nitrophenol	9.622	139	138696	22.197	ng/u1	97
26) 2,4-Dimethylphenol	9.687	107	263598	18.113	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.916	93	312881	17.710	ng/u1	97
29) 2,4-Dichlorophenol	10.152	162	238101	20.184	ng/u1	99
30) Naphthalene	10.546	128	779106	18.587	ng/u1	99
32) 4-Chloroaniline	10.669	127	308861	19.207	ng/u1	99
33) Hexachlorobutadiene	10.816	225	172658	19.577	ng/u1	99
34) Caprolactam	11.451	113	75063	20.910	ng/u1	88
35) 4-Chloro-3-methylphenol	11.793	107	255027	19.580	ng/u1	97
36) 2-Methylnaphthalene	12.151	142	530107	18.880	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.387	142	547987	19.091	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.522	216	312931	19.445	ng/ul	99
40) Hexachlorocyclopentadiene	12.493	237	191187	19.087	ng/ul	96
41) 2,4,6-Trichlorophenol	12.775	196	197111	20.532	ng/ul	99
42) 2,4,5-Trichlorophenol	12.857	196	214381	21.531	ng/ul	98
43) 1,1'-Biphenyl	13.181	154	689087	18.305	ng/ul	99
44) 2-Chloronaphthalene	13.222	162	553321	18.663	ng/ul	99
45) 2-Nitroaniline	13.440	65	158875	21.275	ng/ul	90
47) Dimethylphthalate	13.822	163	698365	19.590	ng/ul	99
48) 2,6-Dinitrotoluene	13.945	165	143315	22.545	ng/ul	92
50) Acenaphthylene	14.075	152	889112	18.848	ng/ul	100
51) 3-Nitroaniline	14.287	138	142072	24.046	ng/ul	94
52) Acenaphthene	14.422	153	591549	18.904	ng/ul	98
53) 2,4-Dinitrophenol	14.492	184	72656	22.035	ng/ul	98
55) 4-Nitrophenol	14.610	109	95912	20.044	ng/ul	93
56) Dibenzofuran	14.763	168	819682	19.439	ng/ul	98
57) 2,4-Dinitrotoluene	14.739	165	213227	24.300	ng/ul#	90
58) 2,3,4,6-Tetrachlorophenol	15.004	232	187130	22.755	ng/ul#	93
59) Diethylphthalate	15.192	149	694936	19.762	ng/ul	98
61) Fluorene	15.428	166	661538	19.527	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.422	204	350106	19.803	ng/ul	97
63) 4-Nitroaniline	15.463	138	145115	25.880	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.522	198	119591	20.159	ng/ul	92
67) N-Nitrosodiphenylamine	15.645	169	585593	18.069	ng/ul	98
68) 4-Bromophenyl-phenylether	16.339	248	225527	18.399	ng/ul	95
69) Hexachlorobenzene	16.451	284	261836	19.082	ng/ul	95
70) Atrazine	16.622	200	224366	19.638	ng/ul	98
71) Pentachlorophenol	16.816	266	153104	19.381	ng/ul	97
72) Phenanthrene	17.216	178	1077348	18.722	ng/ul	99
74) Anthracene	17.310	178	1089296	18.402	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.145	216	300832	16.864	ng/uL	98
76) Pentachlorobenzene	14.681	250	305385	17.962	ng/uL	98
77) Carbazole	17.592	167	992234	20.311	ng/ul	99
78) Di-n-butylphthalate	18.180	149	1238835	19.525	ng/ul	99
80) Fluoranthene	19.310	202	1327656	16.604	ng/ul	99
82) Pyrene	19.692	202	1384356	16.881	ng/ul	98
83) Butylbenzylphthalate	20.639	149	584378	19.191	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.533	252	481015	19.966	ng/ul	99
85) Benzo(a)anthracene	21.604	228	1417452	18.559	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.533	149	830160	17.559	ng/ul	98
87) Chrysene	21.674	228	1328934	18.409	ng/ul	99
89) Di-n-octyl phthalate	22.816	149	1488714	18.139	ng/ul	100
90) Benzo(b)fluoranthene	23.904	252	1430526	18.470	ng/ul	99
91) Benzo(k)fluoranthene	23.968	252	1460772	18.645	ng/ul	99
93) Benzo(a)pyrene	24.810	252	1360366	18.606	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.751	276	1726756m	18.413	ng/ul	
95) Dibenzo(a,h)anthracene	28.862	278	1448776m	18.797	ng/ul	
96) Benzo(g,h,i)perylene	29.933	276	1378758m	18.007	ng/ul	

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