

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062524\
 Data File : BP020641.D
 Acq On : 25 Jun 2024 16:58
 Operator : MA/JU
 Sample : SSTD08017
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD080641

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/27/2024
 Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 25 17:38:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 25 17:18:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	213325	20.000	ng/u1	0.00
20) Naphthalene-d8	10.522	136	895937	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.375	164	584051	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.186	188	1159967	20.000	ng/u1	0.00
79) Chrysene-d12	21.651	240	718276	20.000	ng/u1	0.01
88) Perylene-d12	24.992	264	709200	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	149419	29.511	ng/uL	0.00
4) Pyridine-d5	3.687	84	1129928	76.181	ng/u1	0.00
7) Phenol-d5	6.934	99	1428079	77.984	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.093	67	873554	77.975	ng/u1	0.00
11) 2-Chlorophenol-d4	7.293	132	1153322	86.201	ng/u1	0.00
15) 4-Methylphenol-d8	8.457	113	1164807	78.858	ng/u1	0.01
21) Nitrobenzene-d5	8.905	128	566113	84.206	ng/u1	0.01
24) 2-Nitrophenol-d4	9.610	143	608979	81.574	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.146	165	1129607	81.192	ng/u1	0.00
31) 4-Chloroaniline-d4	10.657	131	1554455	79.730	ng/u1	0.00
46) Dimethylphthalate-d6	13.793	166	3196198	75.696	ng/u1	0.01
49) Acenaphthylene-d8	14.069	160	3716247	78.345	ng/u1	0.00
54) 4-Nitrophenol-d4	14.604	143	549087	85.904	ng/u1	0.01
60) Fluorene-d10	15.387	176	2612997	74.118	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.516	200	517498	74.357	ng/u1	0.01
73) Anthracene-d10	17.286	188	3936685	77.834	ng/u1	0.00
81) Pyrene-d10	19.675	212	3944975	92.793	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.768	264	2736986	79.831	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	164200	28.433	ng/uL	98
5) Pyridine	3.705	79	1162670	77.402	ng/u1	98
6) Benzaldehyde	6.911	77	615518	65.475	ng/u1	99
8) Phenol	6.963	94	1450517	77.038	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.187	93	1163894	78.212	ng/u1	99
12) 2-Chlorophenol	7.322	128	1138968	82.212	ng/u1	99
13) 2-Methylphenol	8.187	108	1108917	78.757	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.275	45	1750150	90.558	ng/u1	99
16) Acetophenone	8.575	105	1784010	73.056	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.569	70	922940	70.559	ng/u1	99
18) 4-Methylphenol	8.522	108	1180112	77.369	ng/u1	99
19) Hexachloroethane	8.810	117	487795	77.759	ng/u1	96
22) Nitrobenzene	8.946	77	1388087	73.942	ng/u1	100
23) Isophorone	9.481	82	2659244	73.386	ng/u1	98
25) 2-Nitrophenol	9.646	139	644886	82.981	ng/u1	97
26) 2,4-Dimethylphenol	9.704	107	1327418	77.449	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.934	93	1560688	76.493	ng/u1	99
29) 2,4-Dichlorophenol	10.175	162	1085633	80.154	ng/u1	99
30) Naphthalene	10.569	128	3604091	77.562	ng/u1	100
32) 4-Chloroaniline	10.681	127	1486590	78.312	ng/u1	100
33) Hexachlorobutadiene	10.846	225	787555	74.736	ng/u1	98
34) Caprolactam	11.510	113	363514m	80.248	ng/u1	
35) 4-Chloro-3-methylphenol	11.816	107	1253039	76.429	ng/u1	98
36) 2-Methylnaphthalene	12.181	142	2484567	77.418	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.398	142	2488897	76.747	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.551	216	1419949	77.082	ng/ul	99
40) Hexachlorocyclopentadiene	12.522	237	962353	92.504	ng/ul	98
41) 2,4,6-Trichlorophenol	12.793	196	914622	80.488	ng/ul	99
42) 2,4,5-Trichlorophenol	12.869	196	979040	80.742	ng/ul	96
43) 1,1'-Biphenyl	13.198	154	3176168	75.849	ng/ul	99
44) 2-Chloronaphthalene	13.245	162	2569816	77.363	ng/ul	99
45) 2-Nitroaniline	13.457	65	798683	77.467	ng/ul	97
47) Dimethylphthalate	13.834	163	3248106	76.554	ng/ul	99
48) 2,6-Dinitrotoluene	13.957	165	688139	83.233	ng/ul	98
50) Acenaphthylene	14.098	152	4051339	75.751	ng/ul	100
51) 3-Nitroaniline	14.287	138	571846	73.758	ng/ul	96
52) Acenaphthene	14.445	153	2689086	75.174	ng/ul	99
53) 2,4-Dinitrophenol	14.510	184	366798	74.284	ng/ul	93
55) 4-Nitrophenol	14.622	109	488035	76.039	ng/ul	98
56) Dibenzofuran	14.781	168	3647839	74.709	ng/ul	97
57) 2,4-Dinitrotoluene	14.763	165	942845	80.328	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.010	232	815169	76.808	ng/ul	98
59) Diethylphthalate	15.234	149	3264102	77.329	ng/ul	99
61) Fluorene	15.445	166	2860619	71.051	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.439	204	1523696	71.520	ng/ul	99
63) 4-Nitroaniline	15.475	138	535351	82.167	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.539	198	551730	75.529	ng/ul#	92
67) N-Nitrosodiphenylamine	15.669	169	2520119	76.439	ng/ul	98
68) 4-Bromophenyl-phenylether	16.363	248	1027591	80.921	ng/ul	97
69) Hexachlorobenzene	16.463	284	1137046	77.934	ng/ul	96
70) Atrazine	16.657	200	976422	84.663	ng/ul	98
71) Pentachlorophenol	16.828	266	703533	81.972	ng/ul	98
72) Phenanthrene	17.233	178	4411623	74.197	ng/ul	100
74) Anthracene	17.328	178	4568396	75.663	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.157	216	1389134	77.782	ng/ul	98
76) Pentachlorobenzene	14.692	250	1350961	76.816	ng/ul	99
77) Carbazole	17.616	167	3905386	76.031	ng/ul	99
78) Di-n-butylphthalate	18.204	149	5258402	83.968	ng/ul	99
80) Fluoranthene	19.322	202	4816064	95.639	ng/ul	99
82) Pyrene	19.704	202	4743401	90.609	ng/ul	99
83) Butylbenzylphthalate	20.657	149	1878198	95.969	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.551	252	1207604	81.875	ng/ul	99
85) Benzo(a)anthracene	21.627	228	3883708	79.715	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.563	149	2613917	91.159	ng/ul	100
87) Chrysene	21.698	228	3578039	78.849	ng/ul	99
89) Di-n-octyl phthalate	22.857	149	3997360	87.316	ng/ul	100
90) Benzo(b)fluoranthene	23.939	252	3341298	79.153	ng/ul	99
91) Benzo(k)fluoranthene	24.004	252	3402894	79.638	ng/ul	99
93) Benzo(a)pyrene	24.845	252	3170748	79.042	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.803	276	4130997m	82.252	ng/ul	
95) Dibenzo(a,h)anthracene	28.903	278	3365474	80.766	ng/ul	98
96) Benzo(g,h,i)perylene	29.992	276	3384065	83.048	ng/ul	99

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

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