

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122721\
 Data File : BP008564.D
 Acq On : 27 Dec 2021 20:27
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020733

Quant Time: Dec 28 04:41:25 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP122321.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 23 14:48:11 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/31/2021
 Supervised By :mohammad ahmed 12/31/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	580691	20.000	ng/u1	0.00
20) Naphthalene-d8	10.704	136	2517641	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.533	164	1787660	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.280	188	3867962	20.000	ng/u1	0.00
79) Chrysene-d12	21.362	240	3893931	20.000	ng/u1	0.00
88) Perylene-d12	23.792	264	3620330	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.351	96	100753	7.821	ng/uL	0.00
4) Pyridine-d5	3.757	84	704290	19.535	ng/u1	0.00
7) Phenol-d5	7.057	99	937375	20.235	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	539129	20.490	ng/u1	0.00
11) 2-Chlorophenol-d4	7.434	132	770373	20.905	ng/u1	0.00
15) 4-Methylphenol-d8	8.604	113	776989	20.908	ng/u1	0.00
21) Nitrobenzene-d5	9.057	128	382761	21.485	ng/u1	0.00
24) 2-Nitrophenol-d4	9.781	143	365746	22.391	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	864618	21.563	ng/u1	0.00
31) 4-Chloroaniline-d4	10.833	131	1186334	21.433	ng/u1	0.00
46) Dimethylphthalate-d6	13.939	166	2802694	21.219	ng/u1	0.00
49) Acenaphthylene-d8	14.222	160	3457413	20.934	ng/u1	0.00
54) 4-Nitrophenol-d4	14.716	143	457428	21.848	ng/u1	0.00
60) Fluorene-d10	15.521	176	2439844	21.276	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.633	200	336846	19.783	ng/u1	0.00
73) Anthracene-d10	17.380	188	3871930	21.124	ng/u1	0.00
81) Pyrene-d10	19.609	212	4460639	19.117	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.633	264	3866180	20.749	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.387	88	108325	7.777	ng/uL	98
5) Pyridine	3.775	79	735211	19.875	ng/u1	99
6) Benzaldehyde	7.034	77	603969	22.873	ng/u1	95
8) Phenol	7.087	94	971847	20.417	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.322	93	790922	20.762	ng/u1	99
12) 2-Chlorophenol	7.463	128	802944	20.877	ng/u1	98
13) 2-Methylphenol	8.339	108	762264	20.669	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.434	45	898716	20.481	ng/u1	99
16) Acetophenone	8.722	105	1267840	22.054	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.710	70	624976	21.842	ng/u1	99
18) 4-Methylphenol	8.669	108	836483	21.185	ng/u1	99
19) Hexachloroethane	8.986	117	319443	20.402	ng/u1	99
22) Nitrobenzene	9.098	77	859910	20.919	ng/u1	97
23) Isophorone	9.628	82	1812123	21.021	ng/u1	99
25) 2-Nitrophenol	9.810	139	428652	22.802	ng/u1	98
26) 2,4-Dimethylphenol	9.875	107	925899	20.841	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.116	93	1129786	20.967	ng/u1	99
29) 2,4-Dichlorophenol	10.345	162	866183	21.536	ng/u1	99
30) Naphthalene	10.751	128	2753998	20.666	ng/u1	99
32) 4-Chloroaniline	10.857	127	1210269	21.563	ng/u1	99
33) Hexachlorobutadiene	11.051	225	581656	20.858	ng/u1	99
34) Caprolactam	11.616	113	264725m	23.100	ng/u1	
35) 4-Chloro-3-methylphenol	11.980	107	857026	21.735	ng/u1	98
36) 2-Methylnaphthalene	12.363	142	2022161	21.444	ng/u1	97

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37) 1-Methylnaphthalene	12.580	142	2062832	21.488	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.727	216	1179488	20.441	ng/ul	99
40) Hexachlorocyclopentadiene	12.716	237	699032	18.102	ng/ul	99
41) 2,4,6-Trichlorophenol	12.963	196	708169	21.613	ng/ul	99
42) 2,4,5-Trichlorophenol	13.033	196	795746	22.317	ng/ul	99
43) 1,1'-Biphenyl	13.369	154	2841830	20.507	ng/ul	99
44) 2-Chloronaphthalene	13.410	162	2184475	20.445	ng/ul	98
45) 2-Nitroaniline	13.604	65	476258	22.177	ng/ul	94
47) Dimethylphthalate	13.986	163	2801401	21.259	ng/ul	99
48) 2,6-Dinitrotoluene	14.098	165	541243	23.106	ng/ul	94
50) Acenaphthylene	14.251	152	3518875	20.823	ng/ul	100
51) 3-Nitroaniline	14.421	138	557647	23.102	ng/ul#	98
52) Acenaphthene	14.598	153	2263670	20.514	ng/ul	99
53) 2,4-Dinitrophenol	14.627	184	203224	20.554	ng/ul	95
55) 4-Nitrophenol	14.727	109	314230	21.586	ng/ul	100
56) Dibenzofuran	14.927	168	3373605	20.908	ng/ul	100
57) 2,4-Dinitrotoluene	14.886	165	776078	23.946	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.157	232	630675	22.770	ng/ul	96
59) Diethylphthalate	15.357	149	2755928	21.411	ng/ul	99
61) Fluorene	15.580	166	2732317	21.254	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.574	204	1456611	21.361	ng/ul	98
63) 4-Nitroaniline	15.586	138	557491	25.198	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.651	198	362544	20.123	ng/ul	94
67) N-Nitrosodiphenylamine	15.786	169	2411209	20.384	ng/ul	100
68) 4-Bromophenyl-phenylether	16.474	248	842125	18.983	ng/ul	96
69) Hexachlorobenzene	16.586	284	1043358	20.201	ng/ul	99
70) Atrazine	16.745	200	926835	20.649	ng/ul	98
71) Pentachlorophenol	16.927	266	535196	20.273	ng/ul	99
72) Phenanthrene	17.321	178	4445490	20.867	ng/ul	100
74) Anthracene	17.415	178	4507996	21.103	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.333	216	1282304	19.543	ng/ul	99
76) Pentachlorobenzene	14.851	250	1205260	20.010	ng/ul	100
77) Carbazole	17.680	167	3992618	21.933	ng/ul	100
78) Di-n-butylphthalate	18.245	149	4737251	22.288	ng/ul	100
80) Fluoranthene	19.286	202	5346724	19.273	ng/ul	98
82) Pyrene	19.639	202	5442838	19.470	ng/ul	96
83) Butylbenzylphthalate	20.515	149	2007268	21.185	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.280	252	1800825	21.835	ng/ul	97
85) Benzo(a)anthracene	21.345	228	5253975	20.900	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.286	149	3225353	22.428	ng/ul#	98
87) Chrysene	21.398	228	5005408	20.622	ng/ul	100
89) Di-n-octyl phthalate	22.221	149	5113248	22.179	ng/ul	100
90) Benzo(b)fluoranthene	23.050	252	5011401	20.890	ng/ul	99
91) Benzo(k)fluoranthene	23.098	252	4886523	21.105	ng/ul	99
93) Benzo(a)pyrene	23.686	252	4754308	20.704	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.327	276	4652822	18.374	ng/ul	98
95) Dibenzo(a,h)anthracene	26.350	278	4026857	18.326	ng/ul	99
96) Benzo(g,h,i)perylene	27.097	276	3729036	17.817	ng/ul	100

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

