

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062723\
 Data File : BP015757.D
 Acq On : 27 Jun 2023 20:52
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020769

Quant Time: Jun 27 23:01:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 27 00:56:58 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/28/2023
 Supervised By :mohammad ahmed 06/28/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	165429	20.000	ng/u1	0.00
20) Naphthalene-d8	10.887	136	637330	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.710	164	336965	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.469	188	621969	20.000	ng/u1	0.00
79) Chrysene-d12	21.557	240	587459	20.000	ng/u1	0.00
88) Perylene-d12	24.110	264	748609	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	38753	8.428	ng/uL	0.00
4) Pyridine-d5	3.828	84	244208	21.070	ng/u1	0.00
7) Phenol-d5	7.228	99	285533	20.173	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.381	67	184392	21.057	ng/u1	0.00
11) 2-Chlorophenol-d4	7.587	132	226995	21.245	ng/u1	0.00
15) 4-Methylphenol-d8	8.787	113	222216	19.873	ng/u1	0.00
21) Nitrobenzene-d5	9.240	128	109442	22.469	ng/u1	0.00
24) 2-Nitrophenol-d4	9.969	143	121011	21.287	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	212472	20.974	ng/u1	0.00
31) 4-Chloroaniline-d4	11.040	131	250491	19.249	ng/u1	0.00
46) Dimethylphthalate-d6	14.116	166	539239	20.704	ng/u1	0.00
49) Acenaphthylene-d8	14.404	160	632871	21.616	ng/u1	0.00
54) 4-Nitrophenol-d4	14.957	143	56215	16.356	ng/u1	0.01
60) Fluorene-d10	15.704	176	435290	20.298	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	72529	18.962	ng/u1	0.00
73) Anthracene-d10	17.569	188	611487	21.523	ng/u1	0.00
81) Pyrene-d10	19.798	212	664667	17.327	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.939	264	780385	20.665	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.423	88	43264	8.743	ng/uL	99
5) Pyridine	3.846	79	262631	21.660	ng/u1	97
6) Benzaldehyde	7.205	77	117879	20.599	ng/u1	97
8) Phenol	7.258	94	301203	20.506	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.481	93	243096	20.801	ng/u1	98
12) 2-Chlorophenol	7.622	128	239178	21.070	ng/u1	99
13) 2-Methylphenol	8.516	108	227256	20.492	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.593	45	341879	21.418	ng/u1	99
16) Acetophenone	8.899	105	364180	19.813	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.875	70	199197	19.512	ng/u1	97
18) 4-Methylphenol	8.852	108	238224	19.993	ng/u1	99
19) Hexachloroethane	9.140	117	109396	20.866	ng/u1	97
22) Nitrobenzene	9.287	77	300245	21.951	ng/u1	99
23) Isophorone	9.810	82	530148	20.254	ng/u1	100
25) 2-Nitrophenol	10.005	139	129789	21.513	ng/u1	99
26) 2,4-Dimethylphenol	10.058	107	279394	21.066	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.293	93	312994	21.182	ng/u1	97
29) 2,4-Dichlorophenol	10.546	162	210542	20.905	ng/u1	100
30) Naphthalene	10.934	128	732407	21.139	ng/u1	99
32) 4-Chloroaniline	11.069	127	262099	19.386	ng/u1	100
33) Hexachlorobutadiene	11.204	225	161249	21.201	ng/u1	98
34) Caprolactam	11.857	113	56074m	18.202	ng/u1	
35) 4-Chloro-3-methylphenol	12.193	107	224152	19.014	ng/u1	99
36) 2-Methylnaphthalene	12.546	142	463370	20.316	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.763	142	456790	19.633	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.910	216	256213	23.074	ng/ul	99
40) Hexachlorocyclopentadiene	12.875	237	68175	20.523	ng/ul	96
41) 2,4,6-Trichlorophenol	13.157	196	155314	22.132	ng/ul	97
42) 2,4,5-Trichlorophenol	13.246	196	162659	21.853	ng/ul	99
43) 1,1'-Biphenyl	13.546	154	602485	22.574	ng/ul	98
44) 2-Chloronaphthalene	13.593	162	474049	22.546	ng/ul	99
45) 2-Nitroaniline	13.816	65	141308	21.359	ng/ul	95
47) Dimethylphthalate	14.163	163	557998	20.702	ng/ul	99
48) 2,6-Dinitrotoluene	14.304	165	110871	20.278	ng/ul	98
50) Acenaphthylene	14.434	152	697059	21.608	ng/ul	100
51) 3-Nitroaniline	14.646	138	86328	20.135	ng/ul	90
52) Acenaphthene	14.775	153	482804	21.582	ng/ul	98
53) 2,4-Dinitrophenol	14.881	184	39241	13.528	ng/ul	87
55) 4-Nitrophenol	14.969	109	53741	15.089	ng/ul	97
56) Dibenzofuran	15.110	168	646001	20.802	ng/ul	99
57) 2,4-Dinitrotoluene	15.104	165	144658	19.415	ng/ul#	89
58) 2,3,4,6-Tetrachlorophenol	15.345	232	125325m	19.602	ng/ul	
59) Diethylphthalate	15.522	149	540236	19.806	ng/ul	99
61) Fluorene	15.757	166	509524	20.228	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.745	204	258938	20.090	ng/ul	98
63) 4-Nitroaniline	15.816	138	50676	17.269	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.875	198	73395	18.965	ng/ul	93
67) N-Nitrosodiphenylamine	15.969	169	419201	22.514	ng/ul	99
68) 4-Bromophenyl-phenylether	16.645	248	154851	21.803	ng/ul	92
69) Hexachlorobenzene	16.769	284	174920	20.872	ng/ul	95
70) Atrazine	16.922	200	146751	20.590	ng/ul	99
71) Pentachlorophenol	17.134	266	80307	19.966	ng/ul	94
72) Phenanthrene	17.510	178	717376	21.231	ng/ul	99
74) Anthracene	17.610	178	723278	21.303	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.516	216	253044	25.003	ng/uL	98
76) Pentachlorobenzene	15.034	250	232017	22.715	ng/uL	98
77) Carbazole	17.887	167	617738	21.587	ng/ul	99
78) Di-n-butylphthalate	18.398	149	800290	21.095	ng/ul	100
80) Fluoranthene	19.475	202	806730	16.922	ng/ul	99
82) Pyrene	19.828	202	845789	17.392	ng/ul	97
83) Butylbenzylphthalate	20.675	149	361770	18.234	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.475	252	297361	22.392	ng/ul	100
85) Benzo(a)anthracene	21.545	228	883020	21.368	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.427	149	528532	19.384	ng/ul	99
87) Chrysene	21.598	228	839283	21.406	ng/ul	99
89) Di-n-octyl phthalate	22.392	149	945670	17.285	ng/ul	100
90) Benzo(b)fluoranthene	23.322	252	979499	20.363	ng/ul	99
91) Benzo(k)fluoranthene	23.369	252	952447	19.598	ng/ul	99
93) Benzo(a)pyrene	23.992	252	859727	20.455	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.804	276	1222994	21.435	ng/ul	98
95) Dibenzo(a,h)anthracene	26.810	278	1007326	21.494	ng/ul	97
96) Benzo(g,h,i)perylene	27.645	276	1014909	21.622	ng/ul	100

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

