

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
 Data File : BP016258.D
 Acq On : 17 Jul 2023 17:49
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020663

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2023
 Supervised By :mohammad ahmed 07/18/2023

Quant Time: Jul 18 00:04:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 14 23:53:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	182290	20.000	ng/u1	0.00
20) Naphthalene-d8	10.769	136	867934	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.604	164	555798	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.375	188	1257563	20.000	ng/u1	0.00
79) Chrysene-d12	21.468	240	1262946	20.000	ng/u1	0.00
88) Perylene-d12	23.974	264	1349855	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	41030	7.965	ng/uL	0.00
4) Pyridine-d5	3.734	84	258964	20.156	ng/u1	0.00
7) Phenol-d5	7.146	99	340995	20.710	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	227214	20.408	ng/u1	0.00
11) 2-Chlorophenol-d4	7.487	132	263606	22.178	ng/u1	0.00
15) 4-Methylphenol-d8	8.699	113	276587	20.853	ng/u1	0.00
21) Nitrobenzene-d5	9.146	128	131040	21.884	ng/u1	0.00
24) 2-Nitrophenol-d4	9.875	143	148626	21.778	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	272643	23.070	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.951	131	383060	20.222	ng/u1	0.00
46) Dimethylphthalate-d6	14.022	166	866469	20.437	ng/u1	0.00
49) Acenaphthylene-d8	14.304	160	1008356	21.702	ng/u1	0.00
54) 4-Nitrophenol-d4	14.928	143	152245m	17.596	ng/u1	0.00
60) Fluorene-d10	15.604	176	742526	20.927	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.792	200	120431	16.589	ng/u1	0.00
73) Anthracene-d10	17.480	188	1176727	21.392	ng/u1	0.00
81) Pyrene-d10	19.716	212	1433791	21.878	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.798	264	1431937	22.090	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.316	88	43146	7.635	ng/uL#	92
5) Pyridine	3.752	79	266850	20.278	ng/u1	98
6) Benzaldehyde	7.116	77	222335	21.626	ng/u1	96
8) Phenol	7.175	94	369925	20.959	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.381	93	294039	20.485	ng/u1	99
12) 2-Chlorophenol	7.522	128	269629	21.864	ng/u1	98
13) 2-Methylphenol	8.422	108	275099	20.708	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.487	45	486576	20.887	ng/u1	99
16) Acetophenone	8.804	105	458946	20.983	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.775	70	252546	21.537	ng/u1	97
18) 4-Methylphenol	8.769	108	305653	21.040	ng/u1	99
19) Hexachloroethane	9.016	117	117776	20.948	ng/u1	97
22) Nitrobenzene	9.193	77	366551	21.069	ng/u1	99
23) Isophorone	9.710	82	708853	20.555	ng/u1	99
25) 2-Nitrophenol	9.904	139	162279	22.132	ng/u1	98
26) 2,4-Dimethylphenol	9.969	107	342528	21.242	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.193	93	424774	21.154	ng/u1	98
29) 2,4-Dichlorophenol	10.463	162	271599	22.350	ng/u1	98
30) Naphthalene	10.822	128	961353	21.106	ng/u1	99
32) 4-Chloroaniline	10.975	127	387273	20.556	ng/u1	97
33) Hexachlorobutadiene	11.081	225	171248	20.749	ng/u1	99
34) Caprolactam	11.792	113	88880	20.203	ng/u1	92
35) 4-Chloro-3-methylphenol	12.116	107	316978	21.137	ng/u1	100
36) 2-Methylnaphthalene	12.440	142	643307	21.065	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.657	142	663149	21.114	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.810	216	345191	21.807	ng/ul	99
40) Hexachlorocyclopentadiene	12.757	237	130859	21.058	ng/ul	98
41) 2,4,6-Trichlorophenol	13.075	196	223701	22.368	ng/ul	97
42) 2,4,5-Trichlorophenol	13.169	196	240373	22.607	ng/ul	99
43) 1,1'-Biphenyl	13.439	154	871155	21.487	ng/ul	99
44) 2-Chloronaphthalene	13.492	162	693936	21.785	ng/ul	99
45) 2-Nitroaniline	13.739	65	221164	21.305	ng/ul	99
47) Dimethylphthalate	14.069	163	867241	20.253	ng/ul	100
48) 2,6-Dinitrotoluene	14.228	165	168284	20.846	ng/ul	99
50) Acenaphthylene	14.334	152	1153686	21.619	ng/ul	99
51) 3-Nitroaniline	14.581	138	164823	20.106	ng/ul	96
52) Acenaphthene	14.675	153	765599	21.212	ng/ul	98
53) 2,4-Dinitrophenol	14.822	184	108725	19.242	ng/ul	98
55) 4-Nitrophenol	14.933	109	104633	15.891	ng/ul	85
56) Dibenzofuran	15.016	168	1042100	21.197	ng/ul	99
57) 2,4-Dinitrotoluene	15.033	165	256612	21.548	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.257	232	207035	21.455	ng/ul	98
59) Diethylphthalate	15.428	149	889880	19.984	ng/ul	100
61) Fluorene	15.663	166	858251	20.898	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.651	204	415810	20.934	ng/ul	99
63) 4-Nitroaniline	15.757	138	156171m	20.743	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.804	198	132030	17.401	ng/ul	98
67) N-Nitrosodiphenylamine	15.875	169	715389	21.462	ng/ul	98
68) 4-Bromophenyl-phenylether	16.551	248	257453	21.542	ng/ul	98
69) Hexachlorobenzene	16.675	284	303964	21.120	ng/ul	98
70) Atrazine	16.833	200	262134	19.832	ng/ul	98
71) Pentachlorophenol	17.045	266	142264	19.712	ng/ul	99
72) Phenanthrene	17.416	178	1381540	21.084	ng/ul	100
74) Anthracene	17.516	178	1418363	21.542	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.410	216	365898	22.163	ng/uL	99
76) Pentachlorobenzene	14.933	250	336714	21.607	ng/uL	99
77) Carbazole	17.810	167	1263428	21.046	ng/ul	99
78) Di-n-butylphthalate	18.310	149	1576542	20.965	ng/ul	100
80) Fluoranthene	19.386	202	1670026	21.792	ng/ul	98
82) Pyrene	19.745	202	1782897	21.791	ng/ul	99
83) Butylbenzylphthalate	20.586	149	772788	21.901	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.392	252	560144	18.982	ng/ul	99
85) Benzo(a)anthracene	21.451	228	1785122	21.706	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.333	149	1153133	21.876	ng/ul	99
87) Chrysene	21.510	228	1751926	21.028	ng/ul	100
89) Di-n-octyl phthalate	22.274	149	2028121	23.987	ng/ul	100
90) Benzo(b)fluoranthene	23.192	252	1775514	23.027	ng/ul	99
91) Benzo(k)fluoranthene	23.245	252	1761723	22.452	ng/ul	99
93) Benzo(a)pyrene	23.857	252	1639292	21.461	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.598	276	1743221	18.430	ng/ul	100
95) Dibenzo(a,h)anthracene	26.603	278	1428002	18.509	ng/ul	98
96) Benzo(g,h,i)perylene	27.427	276	1329628	17.612	ng/ul	99

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

