

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
 Data File : BP015886.D
 Acq On : 01 Jul 2023 15:58
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020780

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :Sohil Jodhani 07/02/2023

Quant Time: Jul 02 02:50:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 02:29:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	286473	20.000	ng/u1	0.00
20) Naphthalene-d8	10.875	136	1180917	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.704	164	708307	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.469	188	1557167	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.557	240	1395279	20.000	ng/u1	# 0.00
88) Perylene-d12	24.110	264	1649035	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	64396	8.088	ng/uL	0.00
4) Pyridine-d5	3.817	84	426678	21.258	ng/u1	0.00
7) Phenol-d5	7.228	99	534371	21.801	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.375	67	345152	22.761	ng/u1	0.00
11) 2-Chlorophenol-d4	7.581	132	401640	21.707	ng/u1	0.00
15) 4-Methylphenol-d8	8.787	113	401763	20.749	ng/u1	0.00
21) Nitrobenzene-d5	9.234	128	194262	21.525	ng/u1	0.00
24) 2-Nitrophenol-d4	9.963	143	218171	20.713	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	390829	20.822	ng/u1	0.00
31) 4-Chloroaniline-d4	11.040	131	549626	22.795	ng/u1	0.00
46) Dimethylphthalate-d6	14.110	166	1084002	19.800	ng/u1	0.00
49) Acenaphthylene-d8	14.398	160	1296043	21.059	ng/u1	0.00
54) 4-Nitrophenol-d4	14.969	143	142256	19.690	ng/u1	0.00
60) Fluorene-d10	15.704	176	949715	21.068	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	150648	15.731	ng/u1	0.00
73) Anthracene-d10	17.569	188	1525797	21.451	ng/u1	0.00
81) Pyrene-d10	19.798	212	1724330	18.926	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.939	264	1688440	20.297	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.411	88	71551	8.350	ng/uL	98
5) Pyridine	3.840	79	445473	21.216	ng/u1	95
6) Benzaldehyde	7.193	77	225489	22.754	ng/u1	95
8) Phenol	7.258	94	558019	21.938	ng/u1#	88
10) Bis(2-Chloroethyl)ether	7.469	93	450522	22.262	ng/u1	100
12) 2-Chlorophenol	7.611	128	426466	21.695	ng/u1	98
13) 2-Methylphenol	8.516	108	409774	21.337	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.581	45	656501	23.751	ng/u1	98
16) Acetophenone	8.893	105	652879	20.511	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.869	70	350628	19.833	ng/u1	97
18) 4-Methylphenol	8.852	108	442702	21.455	ng/u1	98
19) Hexachloroethane	9.128	117	185887	20.475	ng/u1	90
22) Nitrobenzene	9.281	77	527599	20.817	ng/u1	96
23) Isophorone	9.805	82	996009	20.536	ng/u1	98
25) 2-Nitrophenol	9.999	139	236395	21.147	ng/u1	93
26) 2,4-Dimethylphenol	10.057	107	483117	19.659	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.281	93	593204	21.666	ng/u1	97
29) 2,4-Dichlorophenol	10.546	162	392181	21.016	ng/u1	99
30) Naphthalene	10.928	128	1353404	21.082	ng/u1	100
32) 4-Chloroaniline	11.063	127	563730	22.503	ng/u1	100
33) Hexachlorobutadiene	11.193	225	252554	17.921	ng/u1	99
34) Caprolactam	11.863	113	126358m	22.136	ng/u1	
35) 4-Chloro-3-methylphenol	12.199	107	443789	20.317	ng/u1	96
36) 2-Methylnaphthalene	12.534	142	875334	20.713	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.757	142	877986	20.365	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.910	216	465408	19.939	ng/ul	99
40) Hexachlorocyclopentadiene	12.863	237	51819	7.421	ng/ul	97
41) 2,4,6-Trichlorophenol	13.157	196	305451	20.707	ng/ul	95
42) 2,4,5-Trichlorophenol	13.246	196	334976	21.409	ng/ul	97
43) 1,1'-Biphenyl	13.540	154	1167096	20.803	ng/ul	98
44) 2-Chloronaphthalene	13.587	162	919693	20.809	ng/ul	99
45) 2-Nitroaniline	13.816	65	307634	22.122	ng/ul	90
47) Dimethylphthalate	14.157	163	1124523	19.848	ng/ul	98
48) 2,6-Dinitrotoluene	14.304	165	239611	20.849	ng/ul	96
50) Acenaphthylene	14.428	152	1451577	21.406	ng/ul	99
51) 3-Nitroaniline	14.651	138	228632	25.368	ng/ul	95
52) Acenaphthene	14.769	153	996376	21.189	ng/ul	97
53) 2,4-Dinitrophenol	14.887	184	85868	14.083	ng/ul	88
55) 4-Nitrophenol	14.987	109	111367	14.875	ng/ul#	84
56) Dibenzofuran	15.104	168	1372764	21.030	ng/ul	96
57) 2,4-Dinitrotoluene	15.110	165	336085	21.459	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.351	232	275941	20.533	ng/ul	98
59) Diethylphthalate	15.516	149	1173403	20.466	ng/ul	99
61) Fluorene	15.757	166	1122057	21.192	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.745	204	536039	19.786	ng/ul	96
63) 4-Nitroaniline	15.822	138	185329	30.045	ng/ul#	80
66) 4,6-Dinitro-2-methylph...	15.881	198	154869	15.984	ng/ul#	100
67) N-Nitrosodiphenylamine	15.963	169	943917	20.249	ng/ul	99
68) 4-Bromophenyl-phenylether	16.645	248	336232	18.909	ng/ul	90
69) Hexachlorobenzene	16.769	284	393564	18.758	ng/ul	95
70) Atrazine	16.922	200	354519	19.868	ng/ul	98
71) Pentachlorophenol	17.134	266	206685	20.525	ng/ul	99
72) Phenanthrene	17.510	178	1786424	21.118	ng/ul	99
74) Anthracene	17.604	178	1831534	21.547	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.510	216	473408	18.684	ng/ul	99
76) Pentachlorobenzene	15.028	250	464226	18.153	ng/ul	99
77) Carbazole	17.886	167	1692850	23.628	ng/ul	99
78) Di-n-butylphthalate	18.398	149	2181736	22.970	ng/ul	99
80) Fluoranthene	19.475	202	2147263	18.964	ng/ul#	94
82) Pyrene	19.828	202	2218419	19.207	ng/ul#	92
83) Butylbenzylphthalate	20.669	149	1044980	22.176	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.474	252	591098	18.740	ng/ul	99
85) Benzo(a)anthracene	21.539	228	2100837	21.404	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.422	149	1525704	23.559	ng/ul	99
87) Chrysene	21.598	228	1968113	21.135	ng/ul	99
89) Di-n-octyl phthalate	22.386	149	2658255	22.058	ng/ul	100
90) Benzo(b)fluoranthene	23.321	252	2102352m	19.841	ng/ul	
91) Benzo(k)fluoranthene	23.374	252	2159264	20.169	ng/ul#	97
93) Benzo(a)pyrene	23.998	252	1909001	20.619	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.815	276	2550644	20.294	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.821	278	2105858	20.399	ng/ul#	95
96) Benzo(g,h,i)perylene	27.657	276	2084855	20.163	ng/ul#	95

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

