

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
 Data File : BP015835.D
 Acq On : 30 Jun 2023 10:00
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020777

Quant Time: Jun 30 22:40:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 30 22:30:25 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/01/2023
 Supervised By :mohammad ahmed 07/01/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	253043	20.000	ng/u1	0.00
20) Naphthalene-d8	10.875	136	1126662	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.704	164	690237	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.463	188	1471369	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.557	240	1091326	20.000	ng/u1	0.00
88) Perylene-d12	24.104	264	1106967	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	54037	7.683	ng/uL	0.00
4) Pyridine-d5	3.822	84	384066	21.663	ng/u1	0.00
7) Phenol-d5	7.222	99	492456	22.745	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.375	67	315540	23.557	ng/u1	0.00
11) 2-Chlorophenol-d4	7.581	132	365155	22.343	ng/u1	0.00
15) 4-Methylphenol-d8	8.781	113	383025	22.394	ng/u1	0.00
21) Nitrobenzene-d5	9.240	128	183526	21.315	ng/u1	0.00
24) 2-Nitrophenol-d4	9.963	143	203712	20.271	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	372257	20.787	ng/u1	0.00
31) 4-Chloroaniline-d4	11.034	131	532261	23.137	ng/u1	0.00
46) Dimethylphthalate-d6	14.110	166	1103207	20.679	ng/u1	0.00
49) Acenaphthylene-d8	14.398	160	1294353	21.582	ng/u1	0.00
54) 4-Nitrophenol-d4	14.951	143	133057	18.899	ng/u1	0.00
60) Fluorene-d10	15.698	176	942811	21.462	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	151405	16.732	ng/u1	0.00
73) Anthracene-d10	17.563	188	1464362	21.788	ng/u1	0.00
81) Pyrene-d10	19.792	212	1517359	21.293	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.933	264	1179550	21.124	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.411	88	60338	7.972	ng/uL	97
5) Pyridine	3.840	79	408246	22.011	ng/u1	96
6) Benzaldehyde	7.199	77	204601	23.374	ng/u1	96
8) Phenol	7.252	94	517896	23.051	ng/u1	89
10) Bis(2-Chloroethyl)ether	7.469	93	421913	23.602	ng/u1	100
12) 2-Chlorophenol	7.616	128	389641	22.440	ng/u1	99
13) 2-Methylphenol	8.510	108	389186	22.943	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.587	45	626015	25.640	ng/u1	98
16) Acetophenone	8.893	105	632583	22.499	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.869	70	345265	22.110	ng/u1	98
18) 4-Methylphenol	8.852	108	428355	23.502	ng/u1	98
19) Hexachloroethane	9.128	117	165978	20.697	ng/u1	91
22) Nitrobenzene	9.281	77	512072	21.178	ng/u1	95
23) Isophorone	9.804	82	983660	21.258	ng/u1	98
25) 2-Nitrophenol	9.999	139	224076	21.010	ng/u1#	90
26) 2,4-Dimethylphenol	10.057	107	476447	20.322	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.281	93	589386	22.564	ng/u1	98
29) 2,4-Dichlorophenol	10.546	162	379450	21.313	ng/u1	98
30) Naphthalene	10.928	128	1322162	21.587	ng/u1	99
32) 4-Chloroaniline	11.063	127	555093	23.225	ng/u1	98
33) Hexachlorobutadiene	11.193	225	230663	17.156	ng/u1	100
34) Caprolactam	11.857	113	129438m	23.768	ng/u1	
35) 4-Chloro-3-methylphenol	12.187	107	446123	21.407	ng/u1	99
36) 2-Methylnaphthalene	12.534	142	874193	21.682	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.751	142	877329	21.330	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.904	216	448626	19.724	ng/ul	100
40) Hexachlorocyclopentadiene	12.863	237	112796	16.576	ng/ul	97
41) 2,4,6-Trichlorophenol	13.157	196	293292	20.403	ng/ul	95
42) 2,4,5-Trichlorophenol	13.240	196	312610	20.503	ng/ul	97
43) 1,1'-Biphenyl	13.534	154	1171465	21.428	ng/ul#	97
44) 2-Chloronaphthalene	13.587	162	919863	21.358	ng/ul	97
45) 2-Nitroaniline	13.810	65	299627	22.110	ng/ul	93
47) Dimethylphthalate	14.157	163	1151070	20.848	ng/ul	99
48) 2,6-Dinitrotoluene	14.298	165	238314	21.279	ng/ul	95
50) Acenaphthylene	14.428	152	1455797	22.030	ng/ul	99
51) 3-Nitroaniline	14.645	138	204337	23.266	ng/ul	95
52) Acenaphthene	14.769	153	996210	21.740	ng/ul	98
53) 2,4-Dinitrophenol	14.875	184	122068	20.544	ng/ul#	83
55) 4-Nitrophenol	14.969	109	140440	19.250	ng/ul#	76
56) Dibenzofuran	15.104	168	1375225	21.619	ng/ul	95
57) 2,4-Dinitrotoluene	15.104	165	337534	22.116	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.339	232	264659	20.209	ng/ul	96
59) Diethylphthalate	15.516	149	1188313	21.268	ng/ul	99
61) Fluorene	15.751	166	1120683	21.720	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.739	204	538423	20.394	ng/ul	96
63) 4-Nitroaniline	15.816	138	147736m	24.578	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.869	198	156234	17.065	ng/ul#	98
67) N-Nitrosodiphenylamine	15.963	169	949146	21.548	ng/ul	99
68) 4-Bromophenyl-phenylether	16.639	248	330139	19.649	ng/ul	93
69) Hexachlorobenzene	16.763	284	380393	19.187	ng/ul	96
70) Atrazine	16.916	200	344894	20.455	ng/ul	97
71) Pentachlorophenol	17.128	266	176210	18.519	ng/ul	95
72) Phenanthrene	17.504	178	1734973	21.705	ng/ul	100
74) Anthracene	17.604	178	1776585	22.119	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.504	216	464340	19.394	ng/ul	98
76) Pentachlorobenzene	15.028	250	458938	18.993	ng/ul	99
77) Carbazole	17.880	167	1578320	23.315	ng/ul	100
78) Di-n-butylphthalate	18.392	149	2055773	22.906	ng/ul	99
80) Fluoranthene	19.469	202	1925274	21.739	ng/ul#	94
82) Pyrene	19.822	202	1960583	21.702	ng/ul#	88
83) Butylbenzylphthalate	20.669	149	904955	24.553	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.469	252	518942	21.035	ng/ul	99
85) Benzo(a)anthracene	21.539	228	1673219	21.795	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.416	149	1314580	25.953	ng/ul#	99
87) Chrysene	21.592	228	1580737	21.703	ng/ul	99
89) Di-n-octyl phthalate	22.380	149	2173431	26.866	ng/ul	100
90) Benzo(b)fluoranthene	23.315	252	1540072	21.652	ng/ul#	98
91) Benzo(k)fluoranthene	23.363	252	1529651	21.285	ng/ul#	96
93) Benzo(a)pyrene	23.986	252	1334591	21.474	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.798	276	1708918	20.255	ng/ul#	90
95) Dibenzo(a,h)anthracene	26.809	278	1405240	20.278	ng/ul#	94
96) Benzo(g,h,i)perylene	27.639	276	1382793	19.922	ng/ul#	94

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

