

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
 Data File : BP016005.D
 Acq On : 05 Jul 2023 08:37
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020789

Quant Time: Jul 05 09:49:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	320841	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.863	136	1401873	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.687	164	796406	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.451	188	1418414	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.545	240	1109639	20.000	ng/u1	# 0.00
88) Perylene-d12	24.098	264	1304464	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	67491	7.568	ng/uL	0.00
4) Pyridine-d5	3.811	84	464220	20.651	ng/u1	0.00
7) Phenol-d5	7.222	99	622116	22.662	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.363	67	415565	24.468	ng/u1	0.00
11) 2-Chlorophenol-d4	7.569	132	472507	22.802	ng/u1	0.00
15) 4-Methylphenol-d8	8.781	113	481761	22.215	ng/u1	0.00
21) Nitrobenzene-d5	9.222	128	236424	22.068	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.951	143	268024	21.435	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.510	165	462440	20.754	ng/u1	0.00
31) 4-Chloroaniline-d4	11.028	131	575157	20.094	ng/u1	0.00
46) Dimethylphthalate-d6	14.098	166	1263645	20.528	ng/u1	0.00
49) Acenaphthylene-d8	14.387	160	1443717	20.864	ng/u1	0.00
54) 4-Nitrophenol-d4	14.987	143	71997	8.863	ng/u1	0.04
60) Fluorene-d10	15.686	176	1002264	19.774	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	124662	14.291	ng/u1	0.00
73) Anthracene-d10	17.557	188	1344045	20.744	ng/u1	0.00
81) Pyrene-d10	19.786	212	1349734	18.628	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.921	264	1312417	19.945	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	75598	7.878	ng/uL	96
5) Pyridine	3.828	79	488878	20.789	ng/u1	98
6) Benzaldehyde	7.187	77	132701m	11.956	ng/u1	
8) Phenol	7.252	94	659087	23.136	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.457	93	545367	24.062	ng/u1	99
12) 2-Chlorophenol	7.605	128	500193	22.720	ng/u1	98
13) 2-Methylphenol	8.505	108	500778	23.283	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.569	45	809026	26.134	ng/u1	98
16) Acetophenone	8.881	105	806020	22.610	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.852	70	444139	22.432	ng/u1	99
18) 4-Methylphenol	8.846	108	531154	22.984	ng/u1	99
19) Hexachloroethane	9.110	117	216884	21.330	ng/u1	91
22) Nitrobenzene	9.269	77	658053	21.872	ng/u1	96
23) Isophorone	9.793	82	1220447	21.198	ng/u1	99
25) 2-Nitrophenol	9.981	139	289810	21.839	ng/u1	93
26) 2,4-Dimethylphenol	10.051	107	597483	20.481	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.269	93	741271	22.807	ng/u1	98
29) 2,4-Dichlorophenol	10.540	162	461850	20.848	ng/u1	99
30) Naphthalene	10.910	128	1616854	21.216	ng/u1	99
32) 4-Chloroaniline	11.051	127	608428	20.459	ng/u1	98
33) Hexachlorobutadiene	11.175	225	306337	18.311	ng/u1	99
34) Caprolactam	11.863	113	140485	20.732	ng/u1	96
35) 4-Chloro-3-methylphenol	12.193	107	519105	20.019	ng/u1	99
36) 2-Methylnaphthalene	12.522	142	1045919	20.848	ng/u1	99

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37) 1-Methylnaphthalene	12.740	142	1042703	20.374	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.893	216	549693	20.945	ng/ul	100
40) Hexachlorocyclopentadiene	12.840	237	40156	5.115	ng/ul	99
41) 2,4,6-Trichlorophenol	13.151	196	345966	20.859	ng/ul	97
42) 2,4,5-Trichlorophenol	13.240	196	367604	20.896	ng/ul	100
43) 1,1'-Biphenyl	13.522	154	1371201	21.737	ng/ul	98
44) 2-Chloronaphthalene	13.575	162	1059960	21.330	ng/ul	98
45) 2-Nitroaniline	13.804	65	340668	21.787	ng/ul	97
47) Dimethylphthalate	14.145	163	1319322	20.710	ng/ul	99
48) 2,6-Dinitrotoluene	14.292	165	266586	20.630	ng/ul	99
50) Acenaphthylene	14.416	152	1609011	21.103	ng/ul	100
51) 3-Nitroaniline	14.645	138	209426	20.667	ng/ul	90
52) Acenaphthene	14.751	153	1113514	21.061	ng/ul	98
53) 2,4-Dinitrophenol	14.892	184	65722m	9.586	ng/ul	
55) 4-Nitrophenol	15.004	109	130143	15.460	ng/ul	82
56) Dibenzofuran	15.092	168	1493692	20.351	ng/ul	98
57) 2,4-Dinitrotoluene	15.104	165	334899	19.018	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.339	232	277618	18.372	ng/ul	99
59) Diethylphthalate	15.498	149	1318826	20.457	ng/ul	98
61) Fluorene	15.745	166	1188445	19.963	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.728	204	587030	19.271	ng/ul	96
63) 4-Nitroaniline	15.822	138	74089	10.683	ng/ul#	85
66) 4,6-Dinitro-2-methylph...	15.875	198	130419	14.777	ng/ul#	91
67) N-Nitrosodiphenylamine	15.951	169	982156	23.130	ng/ul	97
68) 4-Bromophenyl-phenylether	16.628	248	347425	21.450	ng/ul	91
69) Hexachlorobenzene	16.757	284	383231	20.052	ng/ul	98
70) Atrazine	16.910	200	337730	20.778	ng/ul	98
71) Pentachlorophenol	17.128	266	162442	17.709	ng/ul	98
72) Phenanthrene	17.498	178	1608377	20.873	ng/ul	99
74) Anthracene	17.592	178	1638066	21.156	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.492	216	547440	23.719	ng/ul	98
76) Pentachlorobenzene	15.016	250	517370	22.210	ng/ul	99
77) Carbazole	17.880	167	1392754	21.341	ng/ul	99
78) Di-n-butylphthalate	18.380	149	2033383	23.503	ng/ul	99
80) Fluoranthene	19.463	202	1684712	18.709	ng/ul	96
82) Pyrene	19.816	202	1723881	18.767	ng/ul#	91
83) Butylbenzylphthalate	20.657	149	794600	21.203	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.457	252	484927	19.332	ng/ul	98
85) Benzo(a)anthracene	21.527	228	1627846	20.854	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.398	149	1156330	22.452	ng/ul#	99
87) Chrysene	21.586	228	1543458	20.841	ng/ul	99
89) Di-n-octyl phthalate	22.357	149	1971123	20.676	ng/ul	100
90) Benzo(b)fluoranthene	23.304	252	1618197m	19.306	ng/ul	
91) Benzo(k)fluoranthene	23.357	252	1707597	20.164	ng/ul	98
93) Benzo(a)pyrene	23.980	252	1469464	20.064	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.798	276	1950707	19.620	ng/ul#	90
95) Dibenzo(a,h)anthracene	26.792	278	1628808	19.945	ng/ul#	95
96) Benzo(g,h,i)perylene	27.633	276	1600770	19.571	ng/ul#	95

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

