

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
 Data File : BP015797.D
 Acq On : 29 Jun 2023 07:18
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020774

Quant Time: Jun 29 08:24:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 29 02:30:23 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/29/2023
 Supervised By :mohammad ahmed 06/29/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	300667	20.000	ng/u1	0.00
20) Naphthalene-d8	10.881	136	1307876	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.704	164	776623	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.463	188	1628316	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.557	240	1168535	20.000	ng/u1	# 0.00
88) Perylene-d12	24.104	264	1189599	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	65394	7.825	ng/uL	0.00
4) Pyridine-d5	3.823	84	453269	21.517	ng/u1	0.00
7) Phenol-d5	7.222	99	570641	22.182	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.381	67	364902	22.927	ng/u1	0.00
11) 2-Chlorophenol-d4	7.581	132	416546	21.450	ng/u1	0.00
15) 4-Methylphenol-d8	8.781	113	442152	21.756	ng/u1	0.00
21) Nitrobenzene-d5	9.240	128	213720	21.382	ng/u1	0.00
24) 2-Nitrophenol-d4	9.963	143	235547	20.191	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	427665	20.572	ng/u1	0.00
31) 4-Chloroaniline-d4	11.034	131	594168	22.250	ng/u1	0.00
46) Dimethylphthalate-d6	14.110	166	1205646	20.085	ng/u1	0.00
49) Acenaphthylene-d8	14.398	160	1424722	21.114	ng/u1	0.00
54) 4-Nitrophenol-d4	14.951	143	147688	18.644	ng/u1	0.00
60) Fluorene-d10	15.698	176	1031387	20.867	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	165420	16.519	ng/u1	0.00
73) Anthracene-d10	17.569	188	1574893	21.174	ng/u1	0.00
81) Pyrene-d10	19.792	212	1601910	20.994	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.933	264	1223729	20.393	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.417	88	70531	7.843	ng/uL	98
5) Pyridine	3.840	79	477378	21.662	ng/u1	97
6) Benzaldehyde	7.199	77	237736	22.857	ng/u1	97
8) Phenol	7.252	94	602316	22.562	ng/u1	89
10) Bis(2-Chloroethyl)ether	7.475	93	482528	22.718	ng/u1	99
12) 2-Chlorophenol	7.616	128	450917	21.856	ng/u1	99
13) 2-Methylphenol	8.511	108	453044	22.477	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.587	45	714120	24.616	ng/u1	98
16) Acetophenone	8.893	105	723738	21.664	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.869	70	395600	21.321	ng/u1	99
18) 4-Methylphenol	8.852	108	490094	22.630	ng/u1	98
19) Hexachloroethane	9.134	117	189559	19.893	ng/u1	92
22) Nitrobenzene	9.281	77	585693	20.866	ng/u1	96
23) Isophorone	9.805	82	1095862	20.402	ng/u1	98
25) 2-Nitrophenol	9.999	139	260591	21.048	ng/u1#	90
26) 2,4-Dimethylphenol	10.058	107	534863	19.652	ng/u1	93
27) Bis(2-Chloroethoxy)met...	10.287	93	671150	22.134	ng/u1	98
29) 2,4-Dichlorophenol	10.546	162	432044	20.905	ng/u1	99
30) Naphthalene	10.928	128	1501076	21.112	ng/u1	99
32) 4-Chloroaniline	11.063	127	614522	22.149	ng/u1	99
33) Hexachlorobutadiene	11.199	225	264339	16.937	ng/u1	99
34) Caprolactam	11.857	113	139317	22.037	ng/u1	90
35) 4-Chloro-3-methylphenol	12.187	107	490144	20.261	ng/u1	94
36) 2-Methylnaphthalene	12.540	142	976006	20.853	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.757	142	993889	20.816	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.904	216	512718	20.034	ng/ul	100
40) Hexachlorocyclopentadiene	12.863	237	88082	11.505	ng/ul	96
41) 2,4,6-Trichlorophenol	13.157	196	332463	20.556	ng/ul	97
42) 2,4,5-Trichlorophenol	13.240	196	356099	20.757	ng/ul	99
43) 1,1'-Biphenyl	13.540	154	1306099	21.233	ng/ul	97
44) 2-Chloronaphthalene	13.587	162	1028101	21.216	ng/ul	97
45) 2-Nitroaniline	13.810	65	331103	21.715	ng/ul	94
47) Dimethylphthalate	14.157	163	1256209	20.221	ng/ul	98
48) 2,6-Dinitrotoluene	14.298	165	257550	20.438	ng/ul	99
50) Acenaphthylene	14.428	152	1612229	21.684	ng/ul	99
51) 3-Nitroaniline	14.640	138	222523	22.519	ng/ul	97
52) Acenaphthene	14.769	153	1101074	21.356	ng/ul	98
53) 2,4-Dinitrophenol	14.875	184	83148	12.437	ng/ul	85
55) 4-Nitrophenol	14.963	109	118052	14.381	ng/ul#	77
56) Dibenzofuran	15.104	168	1513482	21.146	ng/ul	98
57) 2,4-Dinitrotoluene	15.098	165	366008	21.314	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.340	232	293162	19.895	ng/ul	99
59) Diethylphthalate	15.516	149	1279930	20.360	ng/ul	98
61) Fluorene	15.757	166	1225298	21.106	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.740	204	593563	19.982	ng/ul	95
63) 4-Nitroaniline	15.810	138	149080m	22.043	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.869	198	170144	16.793	ng/ul#	97
67) N-Nitrosodiphenylamine	15.963	169	1030458	21.139	ng/ul	99
68) 4-Bromophenyl-phenylether	16.640	248	362206	19.480	ng/ul	91
69) Hexachlorobenzene	16.769	284	413618	18.852	ng/ul	97
70) Atrazine	16.916	200	366029	19.616	ng/ul	98
71) Pentachlorophenol	17.128	266	189632	18.009	ng/ul	96
72) Phenanthrene	17.510	178	1857589	20.999	ng/ul	100
74) Anthracene	17.604	178	1898737	21.361	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.510	216	522099	19.705	ng/uL	100
76) Pentachlorobenzene	15.028	250	509289	19.045	ng/uL	99
77) Carbazole	17.881	167	1690376	22.563	ng/ul	99
78) Di-n-butylphthalate	18.392	149	2207532	22.226	ng/ul	99
80) Fluoranthene	19.469	202	2038977	21.502	ng/ul#	94
82) Pyrene	19.822	202	2055307	21.247	ng/ul#	89
83) Butylbenzylphthalate	20.669	149	946439	23.982	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.469	252	552655	20.922	ng/ul	99
85) Benzo(a)anthracene	21.539	228	1735647	21.115	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.422	149	1357708	25.033	ng/ul	99
87) Chrysene	21.592	228	1624009	20.824	ng/ul	99
89) Di-n-octyl phthalate	22.380	149	2218235	25.515	ng/ul	100
90) Benzo(b)fluoranthene	23.316	252	1598296	20.910	ng/ul	99
91) Benzo(k)fluoranthene	23.363	252	1577422m	20.425	ng/ul	
93) Benzo(a)pyrene	23.986	252	1386943	20.766	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.798	276	1804142	19.898	ng/ul#	91
95) Dibenzo(a,h)anthracene	26.810	278	1479803	19.870	ng/ul#	95
96) Benzo(g,h,i)perylene	27.633	276	1467719	19.677	ng/ul#	93

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

