

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072623\
 Data File : BP016391.D
 Acq On : 27 Jul 2023 00:55
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020674

Quant Time: Jul 27 02:08:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 25 23:56:16 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/27/2023
 Supervised By :mohammad ahmed 07/27/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	560905	20.000	ng/u1	0.00
20) Naphthalene-d8	10.928	136	2475370	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.734	164	1501541	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.498	188	3379003	20.000	ng/u1	0.00
79) Chrysene-d12	21.592	240	2843436	20.000	ng/u1	0.00
88) Perylene-d12	24.192	264	2711754	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	113445	7.975	ng/uL	0.00
4) Pyridine-d5	3.858	84	866884	21.478	ng/u1	0.00
7) Phenol-d5	7.222	99	1008038	21.476	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.428	67	599697	21.281	ng/u1	0.00
11) 2-Chlorophenol-d4	7.611	132	791123	21.604	ng/u1	0.00
15) 4-Methylphenol-d8	8.793	113	827902	21.932	ng/u1	0.00
21) Nitrobenzene-d5	9.287	128	386137	25.332	ng/u1	0.00
24) 2-Nitrophenol-d4	10.005	143	362549	28.839	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.528	165	785510	22.543	ng/u1	0.00
31) 4-Chloroaniline-d4	11.075	131	1166371	21.516	ng/u1	0.00
46) Dimethylphthalate-d6	14.145	166	2375713	21.618	ng/u1	-0.01
49) Acenaphthylene-d8	14.434	160	2726505	21.001	ng/u1	0.00
54) 4-Nitrophenol-d4	14.922	143	427122	23.196	ng/u1	0.00
60) Fluorene-d10	15.728	176	2003279	21.428	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.845	200	204846	18.405	ng/u1	0.00
73) Anthracene-d10	17.598	188	3168532	21.169	ng/u1	0.00
81) Pyrene-d10	19.828	212	3528055	21.852	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.016	264	2778220	21.235	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.464	88	122046	8.091	ng/uL	96
5) Pyridine	3.875	79	884725	21.545	ng/u1	99
6) Benzaldehyde	7.246	77	624870	24.402	ng/u1	98
8) Phenol	7.252	94	1049807	21.507	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.522	93	844953	21.131	ng/u1	98
12) 2-Chlorophenol	7.646	128	806564	21.423	ng/u1	98
13) 2-Methylphenol	8.522	108	802795	21.449	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.610	45	1022368m	21.130	ng/u1	
16) Acetophenone	8.940	105	1313731	22.053	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.916	70	654880	21.111	ng/u1	100
18) 4-Methylphenol	8.858	108	863579	21.595	ng/u1	97
19) Hexachloroethane	9.169	117	320934	20.375	ng/u1	99
22) Nitrobenzene	9.334	77	956350	23.436	ng/u1	98
23) Isophorone	9.846	82	1878250	20.435	ng/u1	100
25) 2-Nitrophenol	10.040	139	421066	26.843	ng/u1	99
26) 2,4-Dimethylphenol	10.069	107	928444	20.933	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.334	93	1145347	20.668	ng/u1	99
29) 2,4-Dichlorophenol	10.557	162	778142	22.090	ng/u1	98
30) Naphthalene	10.981	128	2665383	20.790	ng/u1	100
32) 4-Chloroaniline	11.099	127	1145650	21.558	ng/u1	99
33) Hexachlorobutadiene	11.216	225	465095	20.089	ng/u1	99
34) Caprolactam	11.893	113	294687m	23.484	ng/u1	
35) 4-Chloro-3-methylphenol	12.187	107	861719	22.100	ng/u1	99
36) 2-Methylnaphthalene	12.575	142	1826763	20.908	ng/u1	98

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37) 1-Methylnaphthalene	12.793	142	1836148	21.019	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.922	216	926584	20.887	ng/ul	98
40) Hexachlorocyclopentadiene	12.875	237	452625	14.293	ng/ul	99
41) 2,4,6-Trichlorophenol	13.163	196	602684	23.059	ng/ul	97
42) 2,4,5-Trichlorophenol	13.228	196	658544	23.543	ng/ul	99
43) 1,1'-Biphenyl	13.575	154	2356290	20.783	ng/ul	99
44) 2-Chloronaphthalene	13.622	162	1864791	21.025	ng/ul	100
45) 2-Nitroaniline	13.840	65	524609	28.268	ng/ul	96
47) Dimethylphthalate	14.198	163	2364710	21.338	ng/ul	100
48) 2,6-Dinitrotoluene	14.334	165	453508	28.397	ng/ul	91
50) Acenaphthylene	14.463	152	3097219	20.940	ng/ul	100
51) 3-Nitroaniline	14.663	138	498262	26.669	ng/ul#	95
52) Acenaphthene	14.798	153	1980129	20.762	ng/ul	100
53) 2,4-Dinitrophenol	14.857	184	97556	14.283	ng/ul	97
55) 4-Nitrophenol	14.940	109	340552	22.944	ng/ul	100
56) Dibenzofuran	15.134	168	2741739	20.999	ng/ul	100
57) 2,4-Dinitrotoluene	15.110	165	657541	28.879	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.345	232	534834	23.968	ng/ul	97
59) Diethylphthalate	15.551	149	2413067	21.619	ng/ul	100
61) Fluorene	15.787	166	2262179	21.331	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.781	204	1096324	21.205	ng/ul	98
63) 4-Nitroaniline	15.828	138	501049	29.246	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.857	198	240328	18.062	ng/ul	98
67) N-Nitrosodiphenylamine	15.998	169	1966383	20.755	ng/ul	98
68) 4-Bromophenyl-phenylether	16.681	248	680397	21.232	ng/ul	99
69) Hexachlorobenzene	16.757	284	803981	20.922	ng/ul	99
70) Atrazine	16.951	200	728719	21.081	ng/ul	99
71) Pentachlorophenol	17.122	266	439532	20.297	ng/ul	100
72) Phenanthrene	17.545	178	3644229	20.726	ng/ul	100
74) Anthracene	17.634	178	3766380	21.029	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.528	216	967563	19.837	ng/ul	99
76) Pentachlorobenzene	15.028	250	863224	20.028	ng/ul	99
77) Carbazole	17.910	167	3451434	22.387	ng/ul	100
78) Di-n-butylphthalate	18.433	149	4192422	21.354	ng/ul	99
80) Fluoranthene	19.498	202	4211290	21.760	ng/ul	100
82) Pyrene	19.851	202	4341950	21.715	ng/ul	99
83) Butylbenzylphthalate	20.716	149	1829562	24.169	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.504	252	1144210	18.309	ng/ul	100
85) Benzo(a)anthracene	21.575	228	4074540	21.156	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.463	149	2733324	23.672	ng/ul	100
87) Chrysene	21.633	228	3714106	20.825	ng/ul	100
89) Di-n-octyl phthalate	22.463	149	4575592	26.843	ng/ul	100
90) Benzo(b)fluoranthene	23.380	252	3488671	21.482	ng/ul	99
91) Benzo(k)fluoranthene	23.433	252	3565780	22.064	ng/ul	99
93) Benzo(a)pyrene	24.074	252	3211376	20.997	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.962	276	3462959	19.608	ng/ul	99
95) Dibenzo(a,h)anthracene	26.998	278	2875939	19.689	ng/ul	99
96) Benzo(g,h,i)perylene	27.827	276	2694879	19.274	ng/ul	99

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

