

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061923\
 Data File : BP015604.D
 Acq On : 19 Jun 2023 15:30
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020756

Quant Time: Jun 19 22:32:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 15 05:36:46 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/20/2023
 Supervised By :mohammad ahmed 06/21/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	97110	20.000	ng/u1	0.00
20) Naphthalene-d8	10.910	136	463073	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.728	164	322140	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.480	188	783639	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	786677	20.000	ng/u1	0.00
88) Perylene-d12	24.110	264	846506	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	18365	7.003	ng/uL	0.00
4) Pyridine-d5	3.846	84	140269	20.592	ng/u1	0.00
7) Phenol-d5	7.240	99	188776	21.101	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	115678	21.651	ng/u1	0.00
11) 2-Chlorophenol-d4	7.610	132	139234	21.466	ng/u1	0.00
15) 4-Methylphenol-d8	8.804	113	159064	21.664	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	76718	21.102	ng/u1	0.00
24) 2-Nitrophenol-d4	9.987	143	86970	20.948	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	167321	22.093	ng/u1	0.00
31) 4-Chloroaniline-d4	11.051	131	242935	22.347	ng/u1	0.00
46) Dimethylphthalate-d6	14.134	166	544824	21.447	ng/u1	0.00
49) Acenaphthylene-d8	14.422	160	605347	21.793	ng/u1	0.00
54) 4-Nitrophenol-d4	14.939	143	70128	15.416	ng/u1	0.00
60) Fluorene-d10	15.722	176	475562	22.200	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.845	200	93008	18.735	ng/u1	0.00
73) Anthracene-d10	17.580	188	776310	21.773	ng/u1	0.00
81) Pyrene-d10	19.804	212	964469	22.907	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.945	264	893638	21.040	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.440	88	20608	7.440	ng/uL	95
5) Pyridine	3.864	79	143047	20.256	ng/u1	90
6) Benzaldehyde	7.216	77	64621m	18.897	ng/u1	
8) Phenol	7.269	94	198112	21.464	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.499	93	152929	20.956	ng/u1	100
12) 2-Chlorophenol	7.640	128	147555	21.531	ng/u1	96
13) 2-Methylphenol	8.534	108	155224	21.858	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.616	45	210328	21.750	ng/u1	98
16) Acetophenone	8.916	105	264142	22.542	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.899	70	142243	22.491	ng/u1	99
18) 4-Methylphenol	8.863	108	172782	22.114	ng/u1	95
19) Hexachloroethane	9.169	117	61190	21.129	ng/u1	99
22) Nitrobenzene	9.304	77	214154	22.212	ng/u1	99
23) Isophorone	9.828	82	410026	21.245	ng/u1	99
25) 2-Nitrophenol	10.022	139	94862	21.162	ng/u1	99
26) 2,4-Dimethylphenol	10.075	107	208330	21.915	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.310	93	231432	20.625	ng/u1	98
29) 2,4-Dichlorophenol	10.557	162	167578	22.254	ng/u1	98
30) Naphthalene	10.957	128	539285	21.491	ng/u1	99
32) 4-Chloroaniline	11.075	127	251959	22.400	ng/u1	99
33) Hexachlorobutadiene	11.234	225	106695	21.010	ng/u1	98
34) Caprolactam	11.857	113	62223m	21.951	ng/u1	
35) 4-Chloro-3-methylphenol	12.198	107	207340	22.725	ng/u1	98
36) 2-Methylnaphthalene	12.563	142	383078	21.716	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.781	142	384825	21.666	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.928	216	219118	21.844	ng/ul	99
40) Hexachlorocyclopentadiene	12.898	237	68645	16.694	ng/ul	98
41) 2,4,6-Trichlorophenol	13.169	196	148621	22.261	ng/ul	98
42) 2,4,5-Trichlorophenol	13.245	196	162853	22.384	ng/ul	98
43) 1,1'-Biphenyl	13.563	154	535681	21.503	ng/ul	99
44) 2-Chloronaphthalene	13.610	162	425112	21.750	ng/ul	99
45) 2-Nitroaniline	13.816	65	147299	23.547	ng/ul	94
47) Dimethylphthalate	14.181	163	567360	21.632	ng/ul	99
48) 2,6-Dinitrotoluene	14.310	165	117262	21.822	ng/ul	99
50) Acenaphthylene	14.451	152	674280	21.921	ng/ul	100
51) 3-Nitroaniline	14.645	138	85399	19.252	ng/ul	99
52) Acenaphthene	14.792	153	470067	22.107	ng/ul	98
53) 2,4-Dinitrophenol	14.857	184	45930	14.209	ng/ul	95
55) 4-Nitrophenol	14.951	109	72294	16.476	ng/ul	98
56) Dibenzofuran	15.128	168	675293	22.408	ng/ul	99
57) 2,4-Dinitrotoluene	15.098	165	176052	22.276	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.351	232	146085	22.239	ng/ul	99
59) Diethylphthalate	15.534	149	594479	22.115	ng/ul	98
61) Fluorene	15.775	166	549639	22.373	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.763	204	275691	22.266	ng/ul	97
63) 4-Nitroaniline	15.804	138	77299m	18.371	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.863	198	96539	19.067	ng/ul	92
67) N-Nitrosodiphenylamine	15.981	169	477989	21.500	ng/ul	99
68) 4-Bromophenyl-phenylether	16.663	248	181947	21.703	ng/ul	97
69) Hexachlorobenzene	16.781	284	212454	21.483	ng/ul	95
70) Atrazine	16.933	200	190637	21.473	ng/ul	98
71) Pentachlorophenol	17.133	266	123005	22.006	ng/ul	100
72) Phenanthrene	17.528	178	925993	22.020	ng/ul	100
74) Anthracene	17.616	178	936215	21.941	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.528	216	227212	21.008	ng/ul	98
76) Pentachlorobenzene	15.045	250	239229	21.126	ng/ul	99
77) Carbazole	17.886	167	852453	22.188	ng/ul	99
78) Di-n-butylphthalate	18.416	149	1082319	22.203	ng/ul	99
80) Fluoranthene	19.480	202	1175782	22.926	ng/ul	99
82) Pyrene	19.833	202	1224416	23.076	ng/ul	99
83) Butylbenzylphthalate	20.686	149	557589	23.776	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.474	252	335148	18.033	ng/ul	100
85) Benzo(a)anthracene	21.551	228	1196034	21.748	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.445	149	836314	24.126	ng/ul	99
87) Chrysene	21.604	228	1135837	21.851	ng/ul	99
89) Di-n-octyl phthalate	22.410	149	1462928	26.295	ng/ul	100
90) Benzo(b)fluoranthene	23.327	252	1196246	21.892	ng/ul	99
91) Benzo(k)fluoranthene	23.374	252	1140429	21.591	ng/ul	99
93) Benzo(a)pyrene	23.998	252	1004955	21.095	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.804	276	1220561	19.797	ng/ul	99
95) Dibenzo(a,h)anthracene	26.815	278	989008	19.690	ng/ul	99
96) Benzo(g,h,i)perylene	27.627	276	1017426	20.024	ng/ul	99

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

