

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062023\
 Data File : BP015637.D
 Acq On : 21 Jun 2023 00:22
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020759

Quant Time: Jun 21 02:40:48 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 06/21/2023
 Supervised By :mohammad ahmed 06/22/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	114239	20.000	ng/u1	0.00
20) Naphthalene-d8	10.910	136	497812	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.728	164	325312	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.486	188	789842	20.000	ng/u1	0.00
79) Chrysene-d12	21.569	240	811275	20.000	ng/u1	0.00
88) Perylene-d12	24.116	264	883435	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	22314	7.233	ng/uL	0.00
4) Pyridine-d5	3.846	84	153741	19.186	ng/u1	0.00
7) Phenol-d5	7.246	99	216825	20.602	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	126266	20.089	ng/u1	0.00
11) 2-Chlorophenol-d4	7.611	132	162860	21.343	ng/u1	0.00
15) 4-Methylphenol-d8	8.805	113	174244	20.173	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	85904	21.980	ng/u1	0.00
24) 2-Nitrophenol-d4	9.987	143	99871	22.376	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	178766	21.957	ng/u1	0.00
31) 4-Chloroaniline-d4	11.052	131	249443	21.344	ng/u1	0.00
46) Dimethylphthalate-d6	14.134	166	533951	20.815	ng/u1	0.00
49) Acenaphthylene-d8	14.422	160	626829	22.347	ng/u1	0.00
54) 4-Nitrophenol-d4	14.945	143	88958	19.365	ng/u1	0.01
60) Fluorene-d10	15.722	176	475517	21.982	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	87166	17.420	ng/u1	0.00
73) Anthracene-d10	17.586	188	789813	21.978	ng/u1	0.00
81) Pyrene-d10	19.810	212	1002122	23.079	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.951	264	942929	21.272	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.440	88	22440	6.886	ng/uL	88
5) Pyridine	3.864	79	165431	19.913	ng/u1	93
6) Benzaldehyde	7.216	77	74087	18.417	ng/u1	97
8) Phenol	7.269	94	222590	20.501	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.499	93	167202	19.477	ng/u1	98
12) 2-Chlorophenol	7.646	128	173585	21.531	ng/u1	98
13) 2-Methylphenol	8.534	108	172961	20.704	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.616	45	220571	19.389	ng/u1	99
16) Acetophenone	8.922	105	283267	20.549	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.899	70	147755	19.860	ng/u1	99
18) 4-Methylphenol	8.869	108	186066	20.243	ng/u1	95
19) Hexachloroethane	9.169	117	72180	21.187	ng/u1	93
22) Nitrobenzene	9.305	77	231333	22.319	ng/u1	99
23) Isophorone	9.834	82	425296	20.498	ng/u1	98
25) 2-Nitrophenol	10.022	139	105779	21.951	ng/u1	96
26) 2,4-Dimethylphenol	10.075	107	225279	22.044	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.310	93	234805	19.465	ng/u1	99
29) 2,4-Dichlorophenol	10.557	162	179079	22.122	ng/u1	96
30) Naphthalene	10.957	128	579808	21.494	ng/u1	100
32) 4-Chloroaniline	11.081	127	262132	21.678	ng/u1	98
33) Hexachlorobutadiene	11.234	225	122216	22.387	ng/u1	97
34) Caprolactam	11.863	113	62755m	20.594	ng/u1	
35) 4-Chloro-3-methylphenol	12.199	107	214320	21.851	ng/u1	97
36) 2-Methylnaphthalene	12.563	142	396132	20.889	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.781	142	397682	20.828	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.928	216	226067	22.317	ng/ul	99
40) Hexachlorocyclopentadiene	12.893	237	42561	10.250	ng/ul	95
41) 2,4,6-Trichlorophenol	13.169	196	152874	22.674	ng/ul	100
42) 2,4,5-Trichlorophenol	13.246	196	169733	23.102	ng/ul	98
43) 1,1'-Biphenyl	13.563	154	541488	21.524	ng/ul	99
44) 2-Chloronaphthalene	13.610	162	434605	22.018	ng/ul	98
45) 2-Nitroaniline	13.822	65	151189	23.933	ng/ul	97
47) Dimethylphthalate	14.181	163	551053	20.805	ng/ul	98
48) 2,6-Dinitrotoluene	14.310	165	120064	22.126	ng/ul	99
50) Acenaphthylene	14.451	152	688191	22.155	ng/ul	99
51) 3-Nitroaniline	14.645	138	99923	22.306	ng/ul	94
52) Acenaphthene	14.793	153	472303	21.996	ng/ul	99
53) 2,4-Dinitrophenol	14.863	184	50249	15.394	ng/ul	96
55) 4-Nitrophenol	14.963	109	95992	21.663	ng/ul	90
56) Dibenzofuran	15.128	168	670486	22.031	ng/ul	98
57) 2,4-Dinitrotoluene	15.104	165	178291	22.339	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.357	232	156436	23.582	ng/ul	98
59) Diethylphthalate	15.534	149	568840	20.955	ng/ul	99
61) Fluorene	15.775	166	549153	22.135	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.763	204	270749	21.654	ng/ul	98
63) 4-Nitroaniline	15.810	138	96796m	22.781	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.869	198	88834	17.407	ng/ul#	90
67) N-Nitrosodiphenylamine	15.981	169	470971	21.018	ng/ul	100
68) 4-Bromophenyl-phenylether	16.663	248	179096	21.195	ng/ul	96
69) Hexachlorobenzene	16.787	284	220904	22.162	ng/ul	98
70) Atrazine	16.934	200	192274	21.488	ng/ul	97
71) Pentachlorophenol	17.139	266	133340	23.668	ng/ul	97
72) Phenanthrene	17.528	178	929593	21.932	ng/ul	99
74) Anthracene	17.622	178	951602	22.127	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.528	216	237935	21.827	ng/uL	97
76) Pentachlorobenzene	15.045	250	243238	21.312	ng/uL	97
77) Carbazole	17.892	167	865269	22.345	ng/ul	99
78) Di-n-butylphthalate	18.416	149	1034944	21.065	ng/ul	99
80) Fluoranthene	19.480	202	1210273	22.883	ng/ul	98
82) Pyrene	19.839	202	1258821	23.005	ng/ul	96
83) Butylbenzylphthalate	20.686	149	552348	22.838	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.475	252	369167	19.261	ng/ul	99
85) Benzo(a)anthracene	21.551	228	1251385	22.065	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.439	149	795122	22.242	ng/ul	98
87) Chrysene	21.610	228	1172333	21.869	ng/ul	99
89) Di-n-octyl phthalate	22.410	149	1437255	24.754	ng/ul	100
90) Benzo(b)fluoranthene	23.333	252	1222078	21.430	ng/ul	99
91) Benzo(k)fluoranthene	23.380	252	1185013	21.497	ng/ul	98
93) Benzo(a)pyrene	24.004	252	1050474	21.129	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.815	276	1332122	20.703	ng/ul	99
95) Dibenzo(a,h)anthracene	26.833	278	1104773	21.075	ng/ul	97
96) Benzo(g,h,i)perylene	27.651	276	1071380	20.205	ng/ul	97

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

