

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072722\
 Data File : BP011155.D
 Acq On : 28 Jul 2022 06:21
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020718

Quant Time: Jul 28 07:26:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071422.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 28 00:46:32 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/28/2022
 Supervised By :mohammad ahmed 07/28/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	374954	20.000	ng/u1	0.00
20) Naphthalene-d8	10.446	136	1542046	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.316	164	778760	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.087	188	1419602	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.204	240	1391641	20.000	ng/u1	# 0.00
88) Perylene-d12	23.539	264	1564091	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	74494	7.162	ng/uL	0.00
4) Pyridine-d5	3.570	84	501513	18.655	ng/u1	0.00
7) Phenol-d5	6.834	99	640382	20.806	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	483047	24.407	ng/u1	0.00
11) 2-Chlorophenol-d4	7.187	132	540857	21.747	ng/u1	0.00
15) 4-Methylphenol-d8	8.375	113	511648	20.765	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	259681	23.108	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	244824	22.017	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	429178	21.105	ng/u1	0.00
31) 4-Chloroaniline-d4	10.593	131	658509	19.642	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	1143268	21.480	ng/u1	0.00
49) Acenaphthylene-d8	14.010	160	1454665	23.164	ng/u1	0.00
54) 4-Nitrophenol-d4	14.534	143	188348	17.485	ng/u1	0.00
60) Fluorene-d10	15.316	176	964938	21.328	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	135621	19.307	ng/u1	0.00
73) Anthracene-d10	17.181	188	1355462	22.460	ng/u1	0.00
81) Pyrene-d10	19.439	212	1515322	20.733	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.386	264	1648070	21.939	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.193	88	76977	7.054	ng/uL#	91
5) Pyridine	3.587	79	515417	18.604	ng/u1#	79
6) Benzaldehyde	6.805	77	238958	15.984	ng/u1	96
8) Phenol	6.864	94	694805	21.237	ng/u1	91
10) Bis(2-Chloroethyl)ether	7.093	93	583738	22.482	ng/u1	96
12) 2-Chlorophenol	7.222	128	563653	21.925	ng/u1	97
13) 2-Methylphenol	8.105	108	506637	20.940	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.199	45	997458m	28.087	ng/u1	
16) Acetophenone	8.481	105	834971	22.385	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.475	70	442865	23.663	ng/u1	98
18) 4-Methylphenol	8.434	108	544956	21.096	ng/u1	97
19) Hexachloroethane	8.722	117	259594	25.517	ng/u1#	74
22) Nitrobenzene	8.858	77	667434	25.255	ng/u1	98
23) Isophorone	9.387	82	1164595	23.546	ng/u1	97
25) 2-Nitrophenol	9.569	139	279210	22.369	ng/u1	90
26) 2,4-Dimethylphenol	9.634	107	592317	22.440	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.875	93	733135	22.398	ng/u1	99
29) 2,4-Dichlorophenol	10.099	162	443293	21.061	ng/u1	98
30) Naphthalene	10.499	128	1750626	22.278	ng/u1	100
32) 4-Chloroaniline	10.622	127	660259	19.911	ng/u1	98
33) Hexachlorobutadiene	10.781	225	280767	22.916	ng/u1	96
34) Caprolactam	11.410	113	127423	17.274	ng/u1	90
35) 4-Chloro-3-methylphenol	11.751	107	478229	20.104	ng/u1	98
36) 2-Methylnaphthalene	12.116	142	1068517	20.975	ng/u1	98

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37) 1-Methylnaphthalene	12.340	142	1075690	21.066	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.493	216	470445	22.904	ng/ul#	98
40) Hexachlorocyclopentadiene	12.469	237	306052	24.058	ng/ul	94
41) 2,4,6-Trichlorophenol	12.740	196	291623	21.560	ng/ul	97
42) 2,4,5-Trichlorophenol	12.810	196	305719	21.149	ng/ul	99
43) 1,1'-Biphenyl	13.146	154	1334838	22.972	ng/ul#	97
44) 2-Chloronaphthalene	13.181	162	996361	22.829	ng/ul	96
45) 2-Nitroaniline	13.404	65	295571	23.244	ng/ul	93
47) Dimethylphthalate	13.787	163	1147037	21.357	ng/ul	99
48) 2,6-Dinitrotoluene	13.904	165	208312	21.424	ng/ul	92
50) Acenaphthylene	14.034	152	1604573	22.771	ng/ul	99
51) 3-Nitroaniline	14.234	138	158253	13.547	ng/ul	97
52) Acenaphthene	14.381	153	1048719	22.465	ng/ul	98
53) 2,4-Dinitrophenol	14.445	184	86048	15.126	ng/ul	95
55) 4-Nitrophenol	14.551	109	166203	20.152	ng/ul#	74
56) Dibenzofuran	14.722	168	1408727	21.870	ng/ul	99
57) 2,4-Dinitrotoluene	14.698	165	302465	21.808	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.951	232	228369	20.173	ng/ul#	84
59) Diethylphthalate	15.163	149	1163112	21.088	ng/ul	97
61) Fluorene	15.375	166	1105521	21.386	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.375	204	504741	21.209	ng/ul	92
63) 4-Nitroaniline	15.404	138	130201m	12.127	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.457	198	144476	20.048	ng/ul#	89
67) N-Nitrosodiphenylamine	15.592	169	922818	22.757	ng/ul	98
68) 4-Bromophenyl-phenylether	16.275	248	285747	22.318	ng/ul	90
69) Hexachlorobenzene	16.375	284	326056	21.942	ng/ul#	85
70) Atrazine	16.563	200	289757	20.655	ng/ul	96
71) Pentachlorophenol	16.734	266	182904	19.986	ng/ul	98
72) Phenanthrene	17.128	178	1649221	22.299	ng/ul	98
74) Anthracene	17.216	178	1660939	22.576	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.104	216	481645	23.700	ng/uL	97
76) Pentachlorobenzene	14.634	250	414672	23.277	ng/uL	99
77) Carbazole	17.498	167	1511418	21.950	ng/ul	98
78) Di-n-butylphthalate	18.069	149	1845393	21.440	ng/ul	100
80) Fluoranthene	19.110	202	1836981	21.489	ng/ul#	85
82) Pyrene	19.469	202	1913621	21.697	ng/ul#	83
83) Butylbenzylphthalate	20.363	149	821440	20.878	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.127	252	516242	20.950	ng/ul#	98
85) Benzo(a)anthracene	21.186	228	1869799	22.062	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.127	149	1247468	21.250	ng/ul#	95
87) Chrysene	21.239	228	1818583	21.853	ng/ul	99
89) Di-n-octyl phthalate	22.033	149	2182453	20.806	ng/ul	100
90) Benzo(b)fluoranthene	22.827	252	2085963	21.599	ng/ul#	95
91) Benzo(k)fluoranthene	22.874	252	1954347	21.544	ng/ul#	95
93) Benzo(a)pyrene	23.433	252	2042521	22.022	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	25.951	276	2454509	22.772	ng/ul#	87
95) Dibenzo(a,h)anthracene	25.968	278	2099484	22.510	ng/ul#	92
96) Benzo(g,h,i)perylene	26.692	276	2117102	23.062	ng/ul#	86

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

