

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072421\
 Data File : BP006300.D
 Acq On : 24 Jul 2021 11:13
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020655

Manual Integrations
 APPROVED

mohammad
 7/26/2021 1:29:49 PM

Quant Time: Jul 26 00:57:21 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 24 04:29:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	248617	20.000	ng/u1	0.00
20) Naphthalene-d8	10.581	136	1061097	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.416	164	639469	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.169	188	1286999	20.000	ng/u1	0.00
79) Chrysene-d12	21.268	240	1306693	20.000	ng/u1	0.00
88) Perylene-d12	23.621	264	1351598	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	54678	8.209	ng/uL	0.00
4) Pyridine-d5	3.711	84	384232	19.433	ng/u1	0.00
7) Phenol-d5	6.963	99	440363	18.859	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	281171	19.353	ng/u1	0.00
11) 2-Chlorophenol-d4	7.322	132	346667	19.984	ng/u1	0.00
15) 4-Methylphenol-d8	8.499	113	343710	18.718	ng/u1	0.00
21) Nitrobenzene-d5	8.946	128	158671	20.083	ng/u1	0.00
24) 2-Nitrophenol-d4	9.669	143	151087	20.027	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.198	165	301456	20.392	ng/u1	0.00
31) 4-Chloroaniline-d4	10.716	131	479583	19.705	ng/u1	0.00
46) Dimethylphthalate-d6	13.839	166	925124	20.327	ng/u1	0.00
49) Acenaphthylene-d8	14.110	160	1145277	20.482	ng/u1	0.00
54) 4-Nitrophenol-d4	14.616	143	176436	19.524	ng/u1	0.00
60) Fluorene-d10	15.416	176	784763	20.511	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	130759	18.225	ng/u1	0.00
73) Anthracene-d10	17.269	188	1197306	20.609	ng/u1	0.00
81) Pyrene-d10	19.510	212	1310840	19.504	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.468	264	1403084	20.428	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.340	88	57159	8.128	ng/uL	98
5) Pyridine	3.728	79	401932	19.492	ng/u1	97
6) Benzaldehyde	6.940	77	300142	23.560	ng/u1	99
8) Phenol	6.993	94	453969	19.020	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.228	93	358635	19.103	ng/u1	99
12) 2-Chlorophenol	7.357	128	354878	20.178	ng/u1	98
13) 2-Methylphenol	8.234	108	327168	18.784	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.328	45	400888	19.113	ng/u1	98
16) Acetophenone	8.616	105	546952	19.370	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.604	70	287923	19.491	ng/u1	97
18) 4-Methylphenol	8.563	108	356917	19.084	ng/u1	98
19) Hexachloroethane	8.863	117	145051	20.163	ng/u1	99
22) Nitrobenzene	8.987	77	427043	20.832	ng/u1	96
23) Isophorone	9.516	82	743780	20.296	ng/u1	99
25) 2-Nitrophenol	9.698	139	169945	20.428	ng/u1	98
26) 2,4-Dimethylphenol	9.763	107	407119	20.635	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.004	93	476948	20.267	ng/u1	99
29) 2,4-Dichlorophenol	10.228	162	297098	20.484	ng/u1	97
30) Naphthalene	10.628	128	1117056	20.290	ng/u1	100
32) 4-Chloroaniline	10.740	127	475831	19.847	ng/u1	98
33) Hexachlorobutadiene	10.916	225	183881	20.782	ng/u1	99
34) Caprolactam	11.522	113	97873m	19.543	ng/u1	
35) 4-Chloro-3-methylphenol	11.863	107	362410	20.931	ng/u1	100
36) 2-Methylnaphthalene	12.240	142	767447	20.344	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.457	142	774716	20.403	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.604	216	340355	19.750	ng/ul	99
40) Hexachlorocyclopentadiene	12.587	237	206965	18.462	ng/ul	96
41) 2,4,6-Trichlorophenol	12.851	196	215856	20.214	ng/ul	99
42) 2,4,5-Trichlorophenol	12.916	196	238881	20.446	ng/ul	98
43) 1,1'-Biphenyl	13.257	154	955554	19.934	ng/ul	99
44) 2-Chloronaphthalene	13.292	162	718967	19.865	ng/ul	99
45) 2-Nitroaniline	13.498	65	220895	20.661	ng/ul	99
47) Dimethylphthalate	13.887	163	912927	20.435	ng/ul	100
48) 2,6-Dinitrotoluene	14.004	165	169675	20.776	ng/ul	98
50) Acenaphthylene	14.139	152	1118010	20.532	ng/ul	100
51) 3-Nitroaniline	14.328	138	198230	20.715	ng/ul	99
52) Acenaphthene	14.481	153	806862	20.196	ng/ul	99
53) 2,4-Dinitrophenol	14.528	184	87038	17.969	ng/ul	98
55) 4-Nitrophenol	14.634	109	154240	21.101	ng/ul	96
56) Dibenzofuran	14.822	168	1090665	20.356	ng/ul	98
57) 2,4-Dinitrotoluene	14.786	165	248683	21.307	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.045	232	191682	21.038	ng/ul	99
59) Diethylphthalate	15.257	149	969688	20.956	ng/ul	99
61) Fluorene	15.469	166	904532	20.524	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.469	204	417297	20.310	ng/ul	98
63) 4-Nitroaniline	15.492	138	208391	22.172	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.545	198	130957	18.671	ng/ul	99
67) N-Nitrosodiphenylamine	15.686	169	768945	20.112	ng/ul	99
68) 4-Bromophenyl-phenylether	16.369	248	205869	19.974	ng/ul	99
69) Hexachlorobenzene	16.469	284	277250	20.058	ng/ul	100
70) Atrazine	16.645	200	266397	20.134	ng/ul	99
71) Pentachlorophenol	16.816	266	162324	18.680	ng/ul	99
72) Phenanthrene	17.216	178	1413334	20.451	ng/ul	99
74) Anthracene	17.304	178	1448715	20.674	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.216	216	337682	19.141	ng/ul	99
76) Pentachlorobenzene	14.734	250	337265	19.610	ng/ul	100
77) Carbazole	17.580	167	1326844	20.700	ng/ul	99
78) Di-n-butylphthalate	18.151	149	1628343	21.255	ng/ul	100
80) Fluoranthene	19.186	202	1614252	19.492	ng/ul	99
82) Pyrene	19.539	202	1695435	19.729	ng/ul	99
83) Butylbenzylphthalate	20.433	149	709339	20.117	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.192	252	571368	19.845	ng/ul	100
85) Benzo(a)anthracene	21.257	228	1648833	20.364	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.198	149	1112695	20.155	ng/ul	100
87) Chrysene	21.304	228	1595107	20.553	ng/ul	100
89) Di-n-octyl phthalate	22.116	149	1862816	19.777	ng/ul	100
90) Benzo(b)fluoranthene	22.904	252	1728049	20.129	ng/ul	99
91) Benzo(k)fluoranthene	22.951	252	1690657	20.749	ng/ul	99
93) Benzo(a)pyrene	23.515	252	1543102	20.564	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.051	276	1965999	20.467	ng/ul	99
95) Dibenzo(a,h)anthracene	26.074	278	1669960	20.526	ng/ul	99
96) Benzo(g,h,i)perylene	26.798	276	1633907	20.587	ng/ul	99

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

