

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
 Data File : BP006615.D
 Acq On : 09 Aug 2021 18:06
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020675

Manual Integrations
 APPROVED

mohammad
 8/13/2021 9:54:52 AM

Quant Time: Aug 13 09:04:15 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 13 08:57:38 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	210904	20.000	ng/u1	0.00
20) Naphthalene-d8	10.510	136	890276	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.369	164	532918	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.127	188	1081897	20.000	ng/u1	0.00
79) Chrysene-d12	21.233	240	1064956	20.000	ng/u1	0.00
88) Perylene-d12	23.562	264	1161853	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	43277	7.660	ng/uL	0.00
4) Pyridine-d5	3.640	84	306111	18.250	ng/u1	0.00
7) Phenol-d5	6.904	99	339310	17.130	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.063	67	208479	16.916	ng/u1	0.00
11) 2-Chlorophenol-d4	7.257	132	277475	18.855	ng/u1	0.00
15) 4-Methylphenol-d8	8.440	113	269846	17.323	ng/u1	0.00
21) Nitrobenzene-d5	8.881	128	133566	20.149	ng/u1	0.00
24) 2-Nitrophenol-d4	9.598	143	142824	22.565	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	245895	19.825	ng/u1	0.00
31) 4-Chloroaniline-d4	10.657	131	376625	18.444	ng/u1	0.00
46) Dimethylphthalate-d6	13.786	166	732906	19.323	ng/u1	0.00
49) Acenaphthylene-d8	14.057	160	863477	18.530	ng/u1	0.00
54) 4-Nitrophenol-d4	14.586	143	145852	19.367	ng/u1	0.00
60) Fluorene-d10	15.369	176	591528	18.552	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.498	200	103776	17.206	ng/u1	0.00
73) Anthracene-d10	17.227	188	908383	18.600	ng/u1	0.00
81) Pyrene-d10	19.474	212	990463	18.082	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.409	264	1115203	18.888	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.269	88	48134	8.069	ng/uL	95
5) Pyridine	3.657	79	314856	17.999	ng/u1	97
6) Benzaldehyde	6.869	77	156444	14.476	ng/u1	96
8) Phenol	6.928	94	352417	17.406	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.157	93	279092	17.524	ng/u1	96
12) 2-Chlorophenol	7.287	128	279008	18.701	ng/u1	99
13) 2-Methylphenol	8.169	108	261108	17.672	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.251	45	315879	17.753	ng/u1	99
16) Acetophenone	8.545	105	427257	17.837	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.534	70	228248	18.214	ng/u1#	98
18) 4-Methylphenol	8.498	108	281819	17.763	ng/u1	97
19) Hexachloroethane	8.787	117	122541	20.079	ng/u1	87
22) Nitrobenzene	8.922	77	349075	20.296	ng/u1	96
23) Isophorone	9.451	82	645097	20.981	ng/u1	98
25) 2-Nitrophenol	9.628	139	153195	21.948	ng/u1	94
26) 2,4-Dimethylphenol	9.698	107	315678	19.071	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.934	93	377882	19.138	ng/u1	99
29) 2,4-Dichlorophenol	10.163	162	240728	19.782	ng/u1	97
30) Naphthalene	10.557	128	881422	19.082	ng/u1	99
32) 4-Chloroaniline	10.681	127	361055	17.949	ng/u1	99
33) Hexachlorobutadiene	10.839	225	152759	20.577	ng/u1	99
34) Caprolactam	11.498	113	93431m	22.235	ng/u1	
35) 4-Chloro-3-methylphenol	11.810	107	296948	20.441	ng/u1	98
36) 2-Methylnaphthalene	12.175	142	588831	18.604	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.398	142	566676	17.788	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.545	216	269717	18.780	ng/ul	94
40) Hexachlorocyclopentadiene	12.522	237	190587	20.400	ng/ul#	94
41) 2,4,6-Trichlorophenol	12.798	196	184825	20.769	ng/ul	97
42) 2,4,5-Trichlorophenol	12.863	196	196994	20.232	ng/ul	97
43) 1,1'-Biphenyl	13.198	154	736389	18.433	ng/ul	99
44) 2-Chloronaphthalene	13.239	162	577503	19.147	ng/ul	97
45) 2-Nitroaniline	13.451	65	192371	21.591	ng/ul	93
47) Dimethylphthalate	13.839	163	748501	20.105	ng/ul	99
48) 2,6-Dinitrotoluene	13.957	165	147361	21.651	ng/ul	93
50) Acenaphthylene	14.086	152	892080	19.658	ng/ul	100
51) 3-Nitroaniline	14.286	138	147944	18.551	ng/ul	95
52) Acenaphthene	14.433	153	633280	19.020	ng/ul	99
53) 2,4-Dinitrophenol	14.492	184	87273	21.620	ng/ul	92
55) 4-Nitrophenol	14.598	109	131221	21.541	ng/ul	100
56) Dibenzofuran	14.769	168	845321	18.932	ng/ul	99
57) 2,4-Dinitrotoluene	14.745	165	215003	22.105	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.998	232	173785	22.887	ng/ul	94
59) Diethylphthalate	15.210	149	795722	20.635	ng/ul	98
61) Fluorene	15.422	166	705525	19.209	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.422	204	336989	19.680	ng/ul	97
63) 4-Nitroaniline	15.451	138	160840	20.535	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.510	198	112695	19.114	ng/ul	90
67) N-Nitrosodiphenylamine	15.639	169	589595	18.344	ng/ul	99
68) 4-Bromophenyl-phenylether	16.322	248	204776	23.634	ng/ul	94
69) Hexachlorobenzene	16.422	284	11907m	1.025	ng/ul	
70) Atrazine	16.604	200	223227	20.070	ng/ul	99
71) Pentachlorophenol	16.780	266	168201	23.026	ng/ul	96
72) Phenanthrene	17.169	178	1110808	19.121	ng/ul	99
74) Anthracene	17.263	178	1131224	19.204	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.157	216	265694	17.916	ng/uL	94
76) Pentachlorobenzene	14.686	250	272039	18.817	ng/uL	99
77) Carbazole	17.539	167	1007749	18.702	ng/ul	100
78) Di-n-butylphthalate	18.104	149	1396688	21.687	ng/ul	100
80) Fluoranthene	19.145	202	1280254	18.968	ng/ul	99
82) Pyrene	19.504	202	1315176	18.778	ng/ul	95
83) Butylbenzylphthalate	20.392	149	646354	22.492	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.157	252	358733	15.288	ng/ul	97
85) Benzo(a)anthracene	21.215	228	1267768	19.211	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.157	149	976548	21.704	ng/ul	98
87) Chrysene	21.268	228	1209489	19.121	ng/ul	98
89) Di-n-octyl phthalate	22.062	149	1667293	20.592	ng/ul	100
90) Benzo(b)fluoranthene	22.851	252	1332415	18.055	ng/ul	98
91) Benzo(k)fluoranthene	22.898	252	1305062	18.633	ng/ul	99
93) Benzo(a)pyrene	23.456	252	1233756	19.126	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.962	276	1641459	19.879	ng/ul	97
95) Dibenzo(a,h)anthracene	25.980	278	1385878	19.817	ng/ul	99
96) Benzo(g,h,i)perylene	26.703	276	1360474	19.941	ng/ul	96

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

