

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072821\
 Data File : BP006392.D
 Acq On : 28 Jul 2021 16:22
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020665

Manual Integrations
 APPROVED

mohammad
 7/29/2021 1:46:04 PM

Quant Time: Jul 28 17:01:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 28 15:50:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	345041	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.569	136	1489138	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.410	164	860870	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.163	188	1665008	20.000	ng/u1	0.00
79) Chrysene-d12	21.263	240	1554734	20.000	ng/u1	0.00
88) Perylene-d12	23.604	264	1460845	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	78061	8.445	ng/uL	0.00
4) Pyridine-d5	3.699	84	558821	20.364	ng/u1	0.00
7) Phenol-d5	6.958	99	627700	19.370	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	402623	19.968	ng/u1	0.00
11) 2-Chlorophenol-d4	7.316	132	488534	20.292	ng/u1	-0.01
15) 4-Methylphenol-d8	8.493	113	495413	19.440	ng/u1	0.00
21) Nitrobenzene-d5	8.934	128	234256	21.127	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.657	143	235319	22.227	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.187	165	434372	20.937	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.704	131	666636	19.518	ng/u1	-0.01
46) Dimethylphthalate-d6	13.834	166	1262615	20.607	ng/u1	0.00
49) Acenaphthylene-d8	14.104	160	1480318	19.665	ng/u1	0.00
54) 4-Nitrophenol-d4	14.610	143	239170	19.660	ng/u1	0.00
60) Fluorene-d10	15.404	176	1024746	19.895	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.528	200	171911	18.521	ng/u1	0.00
73) Anthracene-d10	17.263	188	1519705	20.219	ng/u1	0.00
81) Pyrene-d10	19.504	212	1635123	20.447	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.451	264	1586857	21.376	ng/u1	-0.01
Target Compounds	Qvalue					
2) 1,4-Dioxane	3.334	88	79674	8.164	ng/uL	95
5) Pyridine	3.723	79	566630	19.800	ng/u1	99
6) Benzaldehyde	6.934	77	440973	24.941	ng/u1	99
8) Phenol	6.981	94	668627	20.185	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.216	93	532165	20.424	ng/u1	99
12) 2-Chlorophenol	7.346	128	515568	21.123	ng/u1	96
13) 2-Methylphenol	8.228	108	494049	20.439	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.316	45	623004	21.403	ng/u1	99
16) Acetophenone	8.605	105	821197	20.955	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.599	70	438447	21.386	ng/u1	94
18) 4-Methylphenol	8.552	108	528557	20.363	ng/u1	97
19) Hexachloroethane	8.852	117	216245	21.659	ng/u1	99
22) Nitrobenzene	8.981	77	646627	22.477	ng/u1	100
23) Isophorone	9.510	82	1164758	22.648	ng/u1	100
25) 2-Nitrophenol	9.687	139	268732	23.018	ng/u1	99
26) 2,4-Dimethylphenol	9.752	107	600476	21.687	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.993	93	709306	21.477	ng/u1	99
29) 2,4-Dichlorophenol	10.216	162	436520	21.446	ng/u1	98
30) Naphthalene	10.616	128	1623512	21.013	ng/u1	100
32) 4-Chloroaniline	10.734	127	673081	20.004	ng/u1	100
33) Hexachlorobutadiene	10.904	225	261067	21.024	ng/u1	100
34) Caprolactam	11.510	113	155579m	22.136	ng/u1	
35) 4-Chloro-3-methylphenol	11.857	107	543179	22.354	ng/u1	98
36) 2-Methylnaphthalene	12.228	142	1113333	21.030	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.451	142	1108288	20.798	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.599	216	484558	20.887	ng/ul	99
40) Hexachlorocyclopentadiene	12.575	237	276945	18.350	ng/ul	99
41) 2,4,6-Trichlorophenol	12.840	196	326385	22.704	ng/ul	99
42) 2,4,5-Trichlorophenol	12.910	196	351397	22.341	ng/ul	99
43) 1,1'-Biphenyl	13.246	154	1356833	21.026	ng/ul	99
44) 2-Chloronaphthalene	13.281	162	1032250	21.186	ng/ul	99
45) 2-Nitroaniline	13.493	65	349574	24.288	ng/ul	99
47) Dimethylphthalate	13.881	163	1292768	21.496	ng/ul	99
48) 2,6-Dinitrotoluene	13.993	165	256141	23.297	ng/ul	93
50) Acenaphthylene	14.128	152	1567777	21.387	ng/ul	99
51) 3-Nitroaniline	14.322	138	294744	22.879	ng/ul	98
52) Acenaphthene	14.475	153	1143587	21.263	ng/ul	99
53) 2,4-Dinitrophenol	14.522	184	117984	18.093	ng/ul	99
55) 4-Nitrophenol	14.628	109	216662	22.018	ng/ul	95
56) Dibenzofuran	14.810	168	1515601	21.012	ng/ul	97
57) 2,4-Dinitrotoluene	14.781	165	366172	23.305	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.034	232	281688	22.965	ng/ul	96
59) Diethylphthalate	15.245	149	1370470	22.001	ng/ul	99
61) Fluorene	15.463	166	1248583	21.044	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.463	204	576690	20.849	ng/ul	100
63) 4-Nitroaniline	15.487	138	297209	23.490	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.540	198	181713	20.026	ng/ul#	96
67) N-Nitrosodiphenylamine	15.675	169	1062734	21.485	ng/ul	100
68) 4-Bromophenyl-phenylether	16.357	248	332864	24.963	ng/ul	96
69) Hexachlorobenzene	16.463	284	381540	21.336	ng/ul	97
70) Atrazine	16.639	200	373166	21.801	ng/ul	99
71) Pentachlorophenol	16.810	266	234792	20.885	ng/ul	99
72) Phenanthrene	17.204	178	1892987	21.173	ng/ul	99
74) Anthracene	17.298	178	1944102	21.445	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.204	216	491405	21.531	ng/ul	99
76) Pentachlorobenzene	14.728	250	478790	21.519	ng/ul	99
77) Carbazole	17.569	167	1768007	21.320	ng/ul	99
78) Di-n-butylphthalate	18.139	149	2314199	23.350	ng/ul	100
80) Fluoranthene	19.180	202	2116596	21.480	ng/ul	100
82) Pyrene	19.533	202	2177153	21.293	ng/ul	99
83) Butylbenzylphthalate	20.422	149	1070336	25.512	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.186	252	690899	20.169	ng/ul	100
85) Benzo(a)anthracene	21.245	228	2087324	21.666	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.192	149	1635227	24.895	ng/ul	100
87) Chrysene	21.298	228	1999832	21.656	ng/ul	100
89) Di-n-octyl phthalate	22.098	149	2725152	26.769	ng/ul	100
90) Benzo(b)fluoranthene	22.892	252	2040695	21.993	ng/ul	100
91) Benzo(k)fluoranthene	22.939	252	1991291	22.612	ng/ul	99
93) Benzo(a)pyrene	23.504	252	1719833	21.205	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.027	276	1942034	18.706	ng/ul	98
95) Dibenzo(a,h)anthracene	26.051	278	1650228	18.767	ng/ul	100
96) Benzo(g,h,i)perylene	26.774	276	1540661	17.961	ng/ul	99

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

