

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072721\
 Data File : BP006368.D
 Acq On : 27 Jul 2021 17:48
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020662

Manual Integrations
 APPROVED

mohammad
 7/28/2021 11:33:51 AM

Quant Time: Jul 27 18:24:54 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 27 17:19:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	304156	20.000	ng/u1	0.00
20) Naphthalene-d8	10.569	136	1295382	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.416	164	745399	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.169	188	1468605	20.000	ng/u1	0.00
79) Chrysene-d12	21.263	240	1413816	20.000	ng/u1	0.00
88) Perylene-d12	23.610	264	1432406	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	66988	8.221	ng/uL	0.00
4) Pyridine-d5	3.705	84	508258	21.011	ng/u1	0.00
7) Phenol-d5	6.957	99	563664	19.732	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	355667	20.010	ng/u1	0.00
11) 2-Chlorophenol-d4	7.316	132	432374	20.373	ng/u1	-0.01
15) 4-Methylphenol-d8	8.493	113	437129	19.459	ng/u1	0.00
21) Nitrobenzene-d5	8.940	128	205924	21.349	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.657	143	213954	23.231	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.193	165	383625	21.257	ng/u1	0.00
31) 4-Chloroaniline-d4	10.710	131	580361	19.533	ng/u1	0.00
46) Dimethylphthalate-d6	13.834	166	1095662	20.653	ng/u1	0.00
49) Acenaphthylene-d8	14.104	160	1288931	19.775	ng/u1	0.00
54) 4-Nitrophenol-d4	14.616	143	222654	21.137	ng/u1	0.00
60) Fluorene-d10	15.410	176	885634	19.858	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.528	200	155857	19.037	ng/u1	0.00
73) Anthracene-d10	17.263	188	1346393	20.309	ng/u1	0.00
81) Pyrene-d10	19.510	212	1460056	20.078	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.462	264	1559921	21.430	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	73150	8.503	ng/uL	97
5) Pyridine	3.722	79	515121	20.419	ng/u1	99
6) Benzaldehyde	6.934	77	389302	24.978	ng/u1	97
8) Phenol	6.987	94	596981	20.445	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.222	93	470530	20.486	ng/u1	99
12) 2-Chlorophenol	7.352	128	455819	21.185	ng/u1	97
13) 2-Methylphenol	8.228	108	433080	20.325	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.322	45	532309	20.745	ng/u1	99
16) Acetophenone	8.610	105	719739	20.835	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.599	70	385581	21.336	ng/u1	97
18) 4-Methylphenol	8.557	108	466980	20.409	ng/u1	99
19) Hexachloroethane	8.857	117	187786	21.336	ng/u1	98
22) Nitrobenzene	8.981	77	563423	22.514	ng/u1	99
23) Isophorone	9.510	82	1010239	22.581	ng/u1	99
25) 2-Nitrophenol	9.687	139	240176	23.649	ng/u1	98
26) 2,4-Dimethylphenol	9.751	107	527055	21.883	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.998	93	612091	21.305	ng/u1	99
29) 2,4-Dichlorophenol	10.216	162	383587	21.664	ng/u1	98
30) Naphthalene	10.622	128	1419333	21.118	ng/u1	99
32) 4-Chloroaniline	10.734	127	588555	20.108	ng/u1	100
33) Hexachlorobutadiene	10.904	225	221951	20.548	ng/u1	99
34) Caprolactam	11.522	113	144965m	23.711	ng/u1	
35) 4-Chloro-3-methylphenol	11.857	107	473413	22.397	ng/u1	100
36) 2-Methylnaphthalene	12.234	142	955854	20.756	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.451	142	950671	20.509	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.598	216	413586	20.589	ng/ul	99
40) Hexachlorocyclopentadiene	12.581	237	236098	18.067	ng/ul	99
41) 2,4,6-Trichlorophenol	12.845	196	284002	22.816	ng/ul	99
42) 2,4,5-Trichlorophenol	12.910	196	302075	22.180	ng/ul	99
43) 1,1'-Biphenyl	13.251	154	1170102	20.941	ng/ul	100
44) 2-Chloronaphthalene	13.287	162	890226	21.101	ng/ul	99
45) 2-Nitroaniline	13.492	65	313211	25.133	ng/ul	99
47) Dimethylphthalate	13.881	163	1128737	21.676	ng/ul	100
48) 2,6-Dinitrotoluene	13.998	165	227167	23.862	ng/ul	97
50) Acenaphthylene	14.134	152	1365793	21.518	ng/ul	100
51) 3-Nitroaniline	14.322	138	263296	23.604	ng/ul	95
52) Acenaphthene	14.475	153	984632	21.143	ng/ul	99
53) 2,4-Dinitrophenol	14.528	184	109114	19.325	ng/ul	98
55) 4-Nitrophenol	14.634	109	200601	23.544	ng/ul	94
56) Dibenzofuran	14.810	168	1309613	20.969	ng/ul	98
57) 2,4-Dinitrotoluene	14.781	165	325519	23.927	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.039	232	254003	23.916	ng/ul	98
59) Diethylphthalate	15.251	149	1262288	23.403	ng/ul	99
61) Fluorene	15.463	166	1086003	21.139	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.463	204	495423	20.685	ng/ul	96
63) 4-Nitroaniline	15.486	138	257350	23.490	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.539	198	162908	20.355	ng/ul	95
67) N-Nitrosodiphenylamine	15.681	169	928906	21.291	ng/ul	99
68) 4-Bromophenyl-phenylether	16.363	248	295294	25.107	ng/ul	98
69) Hexachlorobenzene	16.463	284	332972	21.110	ng/ul	99
70) Atrazine	16.639	200	338770	22.438	ng/ul	99
71) Pentachlorophenol	16.810	266	221589	22.347	ng/ul	100
72) Phenanthrene	17.210	178	1658830	21.035	ng/ul	99
74) Anthracene	17.298	178	1702646	21.293	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.210	216	417406	20.735	ng/uL	98
76) Pentachlorobenzene	14.728	250	409523	20.867	ng/uL	100
77) Carbazole	17.575	167	1582869	21.640	ng/ul	99
78) Di-n-butylphthalate	18.139	149	2260738	25.861	ng/ul	99
80) Fluoranthene	19.180	202	1887837	21.068	ng/ul	98
82) Pyrene	19.533	202	1922250	20.674	ng/ul	98
83) Butylbenzylphthalate	20.427	149	998650	26.176	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.192	252	594129	19.072	ng/ul	100
85) Benzo(a)anthracene	21.251	228	1890966	21.585	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.192	149	1612722	26.999	ng/ul	99
87) Chrysene	21.298	228	1825455	21.738	ng/ul	100
89) Di-n-octyl phthalate	22.104	149	2570259	25.749	ng/ul	100
90) Benzo(b)fluoranthene	22.898	252	1944879	21.376	ng/ul	100
91) Benzo(k)fluoranthene	22.945	252	1904181	22.052	ng/ul	99
93) Benzo(a)pyrene	23.510	252	1697763	21.348	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.039	276	2104057	20.669	ng/ul	98
95) Dibenzo(a,h)anthracene	26.062	278	1755646	20.362	ng/ul	99
96) Benzo(g,h,i)perylene	26.780	276	1698529	20.194	ng/ul	97

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

