

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072421\
 Data File : BP006296.D
 Acq On : 23 Jul 2021 20:26
 Operator : CG/JU
 Sample : SST08005
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST080605

Manual Integrations
 APPROVED

mohammad
 7/26/2021 1:29:43 PM

Quant Time: Jul 24 02:46:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 24 02:41:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	298746	20.000	ng/ul	0.00
20) Naphthalene-d8	10.581	136	1321362	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.422	164	759923	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.175	188	1460055	20.000	ng/ul	0.00
79) Chrysene-d12	21.275	240	1337165	20.000	ng/ul	0.00
88) Perylene-d12	23.622	264	1365187	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	255703	33.839	ng/uL	0.00
4) Pyridine-d5	3.705	84	1953735	105.940	ng/ul	0.00
7) Phenol-d5	6.969	99	2313608	95.373	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	1403199	109.700	ng/ul	0.00
11) 2-Chlorophenol-d4	7.328	132	1787808	91.648	ng/ul	0.00
15) 4-Methylphenol-d8	8.511	113	1810782	94.112	ng/ul	0.01
21) Nitrobenzene-d5	8.958	128	872358	86.362	ng/ul	0.00
24) 2-Nitrophenol-d4	9.669	143	896375	78.480	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.205	165	1604585	73.038	ng/ul	0.00
31) 4-Chloroaniline-d4	10.728	131	2419940	81.011	ng/ul	0.01
46) Dimethylphthalate-d6	13.851	166	4388232	75.609	ng/ul	0.01
49) Acenaphthylene-d8	14.116	160	5594819	82.549	ng/ul	0.00
54) 4-Nitrophenol-d4	14.640	143	898641	88.022	ng/ul	0.02
60) Fluorene-d10	15.422	176	3668945	73.042	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	713956	70.045	ng/ul	0.01
73) Anthracene-d10	17.275	188	5364593	78.108	ng/ul	0.00
81) Pyrene-d10	19.516	212	5668501	85.323	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.474	264	5899212	80.333	ng/ul	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	272165	34.752	ng/uL	96
5) Pyridine	3.723	79	2017795	106.034	ng/ul	99
6) Benzaldehyde	6.946	77	1181789	93.713	ng/ul	99
8) Phenol	6.999	94	2348300	92.781	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.234	93	1814874	94.356	ng/ul	99
12) 2-Chlorophenol	7.364	128	1787751	87.637	ng/ul	99
13) 2-Methylphenol	8.240	108	1718105	89.145	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.334	45	2009589	105.140	ng/ul	99
16) Acetophenone	8.622	105	2699641	85.388	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.628	70	1459519	99.445	ng/ul	98
18) 4-Methylphenol	8.581	108	1832280	89.278	ng/ul	100
19) Hexachloroethane	8.869	117	728109	82.552	ng/ul	95
22) Nitrobenzene	8.999	77	2139893	83.015	ng/ul	97
23) Isophorone	9.534	82	3910497	85.696	ng/ul	99
25) 2-Nitrophenol	9.705	139	962305	77.324	ng/ul	96
26) 2,4-Dimethylphenol	9.769	107	2036346	78.085	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.010	93	2380164	87.675	ng/ul	100
29) 2,4-Dichlorophenol	10.234	162	1538129	71.174	ng/ul	99
30) Naphthalene	10.634	128	5493092	75.448	ng/ul	100
32) 4-Chloroaniline	10.752	127	2372470	78.511	ng/ul	99
33) Hexachlorobutadiene	10.916	225	912200	55.820	ng/ul	99
34) Caprolactam	11.557	113	520069m	72.862	ng/ul	
35) 4-Chloro-3-methylphenol	11.881	107	1842656	80.248	ng/ul	96
36) 2-Methylnaphthalene	12.246	142	3792472	74.136	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.463	142	3801513	73.753	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.610	216	1695022	62.053	ng/ul	99
40) Hexachlorocyclopentadiene	12.593	237	1130029	65.167	ng/ul	99
41) 2,4,6-Trichlorophenol	12.857	196	1122539	66.278	ng/ul	98
42) 2,4,5-Trichlorophenol	12.922	196	1225956	67.145	ng/ul	100
43) 1,1'-Biphenyl	13.263	154	4573325	75.606	ng/ul	99
44) 2-Chloronaphthalene	13.299	162	3475583	73.042	ng/ul	100
45) 2-Nitroaniline	13.510	65	1181029	93.499	ng/ul	94
47) Dimethylphthalate	13.899	163	4290541	71.840	ng/ul	100
48) 2,6-Dinitrotoluene	14.010	165	915438	75.669	ng/ul	98
50) Acenaphthylene	14.146	152	5289235	76.063	ng/ul	99
51) 3-Nitroaniline	14.340	138	945355	84.123	ng/ul	96
52) Acenaphthene	14.487	153	3822756	76.661	ng/ul	99
53) 2,4-Dinitrophenol	14.540	184	516823	65.163	ng/ul	95
55) 4-Nitrophenol	14.651	109	703929	73.209	ng/ul	99
56) Dibenzofuran	14.822	168	5030104	70.033	ng/ul	98
57) 2,4-Dinitrotoluene	14.798	165	1288681	75.359	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.051	232	966660	59.329	ng/ul	97
59) Diethylphthalate	15.269	149	4524072	77.250	ng/ul	98
61) Fluorene	15.475	166	4171153	70.260	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.475	204	1959941	60.872	ng/ul	96
63) 4-Nitroaniline	15.510	138	928214	84.073	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.557	198	695590	67.834	ng/ul#	99
67) N-Nitrosodiphenylamine	15.693	169	3541373	80.774	ng/ul	99
68) 4-Bromophenyl-phenylether	16.369	248	1025053	59.820	ng/ul	99
69) Hexachlorobenzene	16.475	284	1306054	67.929	ng/ul	95
70) Atrazine	16.657	200	1207323	67.807	ng/ul	100
71) Pentachlorophenol	16.822	266	840668	66.545	ng/ul	99
72) Phenanthrene	17.216	178	6232492	75.167	ng/ul	98
74) Anthracene	17.310	178	6310976	75.348	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.216	216	1680137	68.486	ng/ul	99
76) Pentachlorobenzene	14.740	250	1618997	65.806	ng/ul	100
77) Carbazole	17.587	167	5799606	78.867	ng/ul	98
78) Di-n-butylphthalate	18.151	149	7438050	88.772	ng/ul	99
80) Fluoranthene	19.192	202	6958765	83.417	ng/ul	100
82) Pyrene	19.545	202	6991368	81.042	ng/ul	97
83) Butylbenzylphthalate	20.433	149	3400876	109.574	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.198	252	2486087	80.905	ng/ul	99
85) Benzo(a)anthracene	21.257	228	6703552	77.654	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.204	149	5120017	108.127	ng/ul#	96
87) Chrysene	21.310	228	6315897	74.591	ng/ul	97
89) Di-n-octyl phthalate	22.116	149	8513279	97.223	ng/ul	100
90) Benzo(b)fluoranthene	22.916	252	6980568	76.255	ng/ul	99
91) Benzo(k)fluoranthene	22.963	252	6857718	75.527	ng/ul	99
93) Benzo(a)pyrene	23.527	252	6318985	78.532	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.068	276	8182388	80.469	ng/ul	97
95) Dibenzo(a,h)anthracene	26.092	278	6854024	80.603	ng/ul	99
96) Benzo(g,h,i)perylene	26.821	276	6705524	78.481	ng/ul	98

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

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