

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072421\
 Data File : BP006295.D
 Acq On : 23 Jul 2021 19:51
 Operator : CG/JU
 Sample : SST04004
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST040604

Manual Integrations
 APPROVED

mohammad
 7/26/2021 1:29:40 PM

Quant Time: Jul 24 02:46:21 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	284676	20.000	ng/u1	0.00
20) Naphthalene-d8	10.581	136	1291093	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.422	164	737645	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.175	188	1431833	20.000	ng/u1	0.00
79) Chrysene-d12	21.269	240	1320182	20.000	ng/u1	0.00
88) Perylene-d12	23.616	264	1330700	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	122795	17.054	ng/uL	0.00
4) Pyridine-d5	3.705	84	927889	52.801	ng/u1	0.00
7) Phenol-d5	6.969	99	1091389	47.214	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	683599	56.084	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	850144	45.735	ng/u1	0.00
15) 4-Methylphenol-d8	8.505	113	866547	47.263	ng/u1	0.00
21) Nitrobenzene-d5	8.952	128	412470	41.791	ng/u1	0.00
24) 2-Nitrophenol-d4	9.669	143	408824	36.633	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	766198	35.694	ng/u1	0.00
31) 4-Chloroaniline-d4	10.722	131	1182545	40.515	ng/u1	0.00
46) Dimethylphthalate-d6	13.845	166	2192733	38.922	ng/u1	0.00
49) Acenaphthylene-d8	14.110	160	2762267	41.987	ng/u1	0.00
54) 4-Nitrophenol-d4	14.622	143	427346	43.123	ng/u1	0.00
60) Fluorene-d10	15.416	176	1820408	37.336	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.534	200	323940	32.408	ng/u1	0.00
73) Anthracene-d10	17.269	188	2677228	39.748	ng/u1	0.00
81) Pyrene-d10	19.510	212	2846448	43.396	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.468	264	2866244	40.043	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	129643	17.372	ng/uL	96
5) Pyridine	3.722	79	955591	52.697	ng/u1	99
6) Benzaldehyde	6.946	77	669191	55.688	ng/u1	99
8) Phenol	6.993	94	1113953	46.187	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.228	93	881768	48.109	ng/u1	99
12) 2-Chlorophenol	7.358	128	852424	43.852	ng/u1	99
13) 2-Methylphenol	8.240	108	821204	44.715	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.334	45	986966	54.189	ng/u1	99
16) Acetophenone	8.616	105	1335879	44.341	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.616	70	724876	51.831	ng/u1	98
18) 4-Methylphenol	8.569	108	882625	45.131	ng/u1	99
19) Hexachloroethane	8.863	117	350913	41.752	ng/u1	98
22) Nitrobenzene	8.993	77	1045670	41.517	ng/u1	100
23) Isophorone	9.528	82	1900379	42.622	ng/u1	99
25) 2-Nitrophenol	9.699	139	446690	36.734	ng/u1	98
26) 2,4-Dimethylphenol	9.763	107	1000579	39.267	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.010	93	1172624	44.207	ng/u1	99
29) 2,4-Dichlorophenol	10.228	162	737642	34.933	ng/u1	99
30) Naphthalene	10.628	128	2733188	38.421	ng/u1	100
32) 4-Chloroaniline	10.746	127	1168394	39.571	ng/u1	100
33) Hexachlorobutadiene	10.916	225	436261	27.322	ng/u1	99
34) Caprolactam	11.534	113	241929m	34.689	ng/u1	
35) 4-Chloro-3-methylphenol	11.869	107	898375	40.042	ng/u1	98
36) 2-Methylnaphthalene	12.240	142	1884126	37.695	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.463	142	1894275	37.612	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.610	216	828918	31.262	ng/ul	99
40) Hexachlorocyclopentadiene	12.587	237	528615	31.405	ng/ul	99
41) 2,4,6-Trichlorophenol	12.851	196	539089	32.791	ng/ul	98
42) 2,4,5-Trichlorophenol	12.922	196	585718	33.048	ng/ul	99
43) 1,1'-Biphenyl	13.257	154	2281723	38.860	ng/ul	99
44) 2-Chloronaphthalene	13.298	162	1732294	37.505	ng/ul	99
45) 2-Nitroaniline	13.504	65	559435	45.626	ng/ul	95
47) Dimethylphthalate	13.893	163	2138244	36.884	ng/ul	100
48) 2,6-Dinitrotoluene	14.004	165	432623	36.840	ng/ul	99
50) Acenaphthylene	14.140	152	2649141	39.247	ng/ul	100
51) 3-Nitroaniline	14.334	138	469097	43.003	ng/ul	97
52) Acenaphthene	14.487	153	1901597	39.286	ng/ul	99
53) 2,4-Dinitrophenol	14.534	184	224808	29.201	ng/ul	94
55) 4-Nitrophenol	14.640	109	346119	37.084	ng/ul	97
56) Dibenzofuran	14.822	168	2536089	36.376	ng/ul	99
57) 2,4-Dinitrotoluene	14.792	165	606897	36.562	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.045	232	464490	29.369	ng/ul	99
59) Diethylphthalate	15.263	149	2240618	39.415	ng/ul	99
61) Fluorene	15.469	166	2084077	36.165	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.469	204	964978	30.875	ng/ul	98
63) 4-Nitroaniline	15.498	138	471246	43.972	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.551	198	315334	31.357	ng/ul#	96
67) N-Nitrosodiphenylamine	15.687	169	1772642	41.228	ng/ul	99
68) 4-Bromophenyl-phenylether	16.369	248	484970	28.860	ng/ul	97
69) Hexachlorobenzene	16.469	284	637573	33.814	ng/ul	97
70) Atrazine	16.651	200	604454	34.617	ng/ul	99
71) Pentachlorophenol	16.816	266	390774	31.542	ng/ul	98
72) Phenanthrene	17.216	178	3154821	38.799	ng/ul	99
74) Anthracene	17.304	178	3203947	39.006	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.216	216	820314	34.097	ng/uL	100
76) Pentachlorobenzene	14.734	250	790004	32.744	ng/uL	100
77) Carbazole	17.581	167	2924214	40.549	ng/ul	99
78) Di-n-butylphthalate	18.151	149	3709103	45.140	ng/ul	100
80) Fluoranthene	19.186	202	3488266	42.353	ng/ul	99
82) Pyrene	19.539	202	3592583	42.180	ng/ul	100
83) Butylbenzylphthalate	20.433	149	1606454	52.425	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.192	252	1194229	39.364	ng/ul	99
85) Benzo(a)anthracene	21.251	228	3363127	39.459	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.198	149	2517444	53.849	ng/ul	98
87) Chrysene	21.304	228	3205004	38.338	ng/ul	100
89) Di-n-octyl phthalate	22.116	149	4148826	48.608	ng/ul	100
90) Benzo(b)fluoranthene	22.904	252	3501485	39.241	ng/ul	99
91) Benzo(k)fluoranthene	22.951	252	3373977	38.122	ng/ul	100
93) Benzo(a)pyrene	23.516	252	3100790	39.535	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.057	276	3940962	39.762	ng/ul	98
95) Dibenzo(a,h)anthracene	26.074	278	3329123	40.165	ng/ul	100
96) Benzo(g,h,i)perylene	26.798	276	3270282	39.267	ng/ul	99

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

