

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102821\
 Data File : BP007776.D
 Acq On : 29 Oct 2021 04:37
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020725

Manual Integrations
 APPROVED

mohammad
 10/29/2021 2:26:09 PM

Quant Time: Oct 29 06:35:05 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP102521.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 27 15:37:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	300554	20.000	ng/u1	0.00
20) Naphthalene-d8	10.734	136	1161756	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.569	164	738190	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.322	188	1611022	20.000	ng/u1	0.00
79) Chrysene-d12	21.416	240	1744041	20.000	ng/u1	0.00
88) Perylene-d12	23.857	264	1931986	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	64871	9.805	ng/uL	0.00
4) Pyridine-d5	3.776	84	480565	24.018	ng/u1	0.00
7) Phenol-d5	7.093	99	578547	25.343	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.258	67	310779	24.520	ng/u1	0.00
11) 2-Chlorophenol-d4	7.464	132	469427	26.439	ng/u1	0.00
15) 4-Methylphenol-d8	8.640	113	451617	25.264	ng/u1	0.00
21) Nitrobenzene-d5	9.087	128	212491	26.840	ng/u1	0.00
24) 2-Nitrophenol-d4	9.810	143	241113	27.884	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.352	165	480563	27.304	ng/u1	0.00
31) 4-Chloroaniline-d4	10.863	131	586121	25.185	ng/u1	0.00
46) Dimethylphthalate-d6	13.975	166	1269510	25.389	ng/u1	0.00
49) Acenaphthylene-d8	14.257	160	1574906	25.697	ng/u1	0.00
54) 4-Nitrophenol-d4	14.763	143	237437	25.905	ng/u1	0.00
60) Fluorene-d10	15.563	176	1052262	24.962	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.681	200	184241	21.380	ng/u1	0.00
73) Anthracene-d10	17.422	188	1661454	25.095	ng/u1	0.00
81) Pyrene-d10	19.657	212	2021317	24.894	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.698	264	2396911	25.255	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.399	88	72453	9.795	ng/uL	92
5) Pyridine	3.799	79	471864	24.076	ng/u1	99
6) Benzaldehyde	7.064	77	155144	14.136	ng/u1	99
8) Phenol	7.122	94	581835	25.226	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.352	93	443733	24.403	ng/u1	99
12) 2-Chlorophenol	7.493	128	468612	26.034	ng/u1	97
13) 2-Methylphenol	8.375	108	436302	25.041	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.463	45	505332	24.467	ng/u1	97
16) Acetophenone	8.752	105	655857	24.583	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.746	70	317786	25.044	ng/u1	93
18) 4-Methylphenol	8.705	108	460500	24.785	ng/u1	99
19) Hexachloroethane	9.011	117	190897	25.914	ng/u1	91
22) Nitrobenzene	9.128	77	488313	26.140	ng/u1	97
23) Isophorone	9.663	82	901010	25.213	ng/u1	96
25) 2-Nitrophenol	9.840	139	257147	27.630	ng/u1	97
26) 2,4-Dimethylphenol	9.910	107	517466	26.115	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.146	93	572451	24.988	ng/u1	99
29) 2,4-Dichlorophenol	10.381	162	461285	26.751	ng/u1	97
30) Naphthalene	10.781	128	1366746	24.919	ng/u1	100
32) 4-Chloroaniline	10.893	127	596058	25.163	ng/u1	100
33) Hexachlorobutadiene	11.075	225	328719	26.148	ng/u1	99
34) Caprolactam	11.663	113	137828m	24.377	ng/u1	
35) 4-Chloro-3-methylphenol	12.016	107	469296	26.288	ng/u1	98
36) 2-Methylnaphthalene	12.393	142	949319	25.176	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.610	142	962885	25.290	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.763	216	576276	25.736	ng/ul	97
40) Hexachlorocyclopentadiene	12.746	237	310930	21.413	ng/ul	97
41) 2,4,6-Trichlorophenol	12.999	196	380604	27.015	ng/ul	99
42) 2,4,5-Trichlorophenol	13.069	196	414963	27.355	ng/ul	98
43) 1,1'-Biphenyl	13.399	154	1270014	24.904	ng/ul	99
44) 2-Chloronaphthalene	13.440	162	989457	25.037	ng/ul	98
45) 2-Nitroaniline	13.640	65	271208	27.202	ng/ul	95
47) Dimethylphthalate	14.028	163	1242537	25.140	ng/ul	100
48) 2,6-Dinitrotoluene	14.140	165	261865	27.740	ng/ul	94
50) Acenaphthylene	14.287	152	1559606	25.135	ng/ul	99
51) 3-Nitroaniline	14.469	138	218607	21.834	ng/ul#	92
52) Acenaphthene	14.628	153	1002624	24.501	ng/ul	99
53) 2,4-Dinitrophenol	14.675	184	107841	18.303	ng/ul	95
55) 4-Nitrophenol	14.781	109	215442	26.588	ng/ul	86
56) Dibenzofuran	14.963	168	1481973	24.773	ng/ul	98
57) 2,4-Dinitrotoluene	14.928	165	375299	27.682	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.193	232	345481	27.940	ng/ul	95
59) Diethylphthalate	15.393	149	1231626	25.409	ng/ul	99
61) Fluorene	15.616	166	1145481	24.565	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.610	204	611393	24.724	ng/ul	99
63) 4-Nitroaniline	15.628	138	202808	21.819	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.693	198	185551	21.392	ng/ul	100
67) N-Nitrosodiphenylamine	15.822	169	1029788	24.776	ng/ul	99
68) 4-Bromophenyl-phenylether	16.510	248	397927	25.332	ng/ul	95
69) Hexachlorobenzene	16.628	284	463107	25.459	ng/ul	96
70) Atrazine	16.787	200	432496	25.096	ng/ul	98
71) Pentachlorophenol	16.969	266	299209	26.486	ng/ul	99
72) Phenanthrene	17.363	178	1918187	24.634	ng/ul	100
74) Anthracene	17.457	178	1935212	24.986	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.369	216	602279	25.570	ng/ul	99
76) Pentachlorobenzene	14.887	250	565770	24.910	ng/ul	99
77) Carbazole	17.722	167	1743818	24.389	ng/ul	100
78) Di-n-butylphthalate	18.281	149	2143091	26.180	ng/ul	100
80) Fluoranthene	19.328	202	2459821	24.719	ng/ul	97
82) Pyrene	19.686	202	2461750	24.442	ng/ul	94
83) Butylbenzylphthalate	20.557	149	1038922	26.511	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.328	252	622374	19.255	ng/ul#	98
85) Benzo(a)anthracene	21.398	228	2581321	24.924	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.328	149	1509198	25.918	ng/ul	99
87) Chrysene	21.451	228	2484232	24.809	ng/ul	99
89) Di-n-octyl phthalate	22.269	149	2713059	25.210	ng/ul	100
90) Benzo(b)fluoranthene	23.110	252	2869846	25.210	ng/ul	99
91) Benzo(k)fluoranthene	23.157	252	2596505m	24.373	ng/ul	
93) Benzo(a)pyrene	23.751	252	2747314	24.908	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.410	276	3300540	25.122	ng/ul	98
95) Dibenzo(a,h)anthracene	26.427	278	2815040	25.003	ng/ul	97
96) Benzo(g,h,i)perylene	27.192	276	2836308	25.382	ng/ul#	95

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

