

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102921\
 Data File : BP007778.D
 Acq On : 29 Oct 2021 10:23
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020726

Manual Integrations
 APPROVED

mohammad
 11/1/2021 1:36:19 PM

Quant Time: Oct 29 10:52:59 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	187046	20.000	ng/u1	0.00
20) Naphthalene-d8	10.734	136	783169	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.569	164	507239	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.322	188	1093473	20.000	ng/u1	0.00
79) Chrysene-d12	21.416	240	1174008	20.000	ng/u1	0.00
88) Perylene-d12	23.857	264	1244830	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	36115	8.771	ng/uL	0.00
4) Pyridine-d5	3.781	84	267365	21.472	ng/u1	0.00
7) Phenol-d5	7.093	99	321214	22.609	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.258	67	177476	22.500	ng/u1	0.00
11) 2-Chlorophenol-d4	7.458	132	259891	23.520	ng/u1	0.00
15) 4-Methylphenol-d8	8.640	113	250266	22.496	ng/u1	0.00
21) Nitrobenzene-d5	9.087	128	118086	22.126	ng/u1	0.00
24) 2-Nitrophenol-d4	9.810	143	129231	22.170	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.352	165	270690	22.814	ng/u1	0.00
31) 4-Chloroaniline-d4	10.863	131	343058	21.867	ng/u1	0.00
46) Dimethylphthalate-d6	13.975	166	730739	21.268	ng/u1	0.00
49) Acenaphthylene-d8	14.257	160	908344	21.570	ng/u1	0.00
54) 4-Nitrophenol-d4	14.763	143	131132	20.821	ng/u1	0.00
60) Fluorene-d10	15.563	176	620248	21.413	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.681	200	91346	15.617	ng/u1	0.00
73) Anthracene-d10	17.422	188	968677	21.556	ng/u1	0.00
81) Pyrene-d10	19.657	212	1169728	21.401	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.698	264	1341209	21.933	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.399	88	38036	8.263	ng/uL	96
5) Pyridine	3.799	79	257545	21.115	ng/u1	98
6) Benzaldehyde	7.064	77	65907	9.650	ng/u1	95
8) Phenol	7.122	94	326007	22.711	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.352	93	251049	22.184	ng/u1	97
12) 2-Chlorophenol	7.493	128	260327	23.239	ng/u1	98
13) 2-Methylphenol	8.369	108	241547	22.277	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.463	45	288390	22.437	ng/u1	97
16) Acetophenone	8.752	105	379035	22.829	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.740	70	182590	23.122	ng/u1	92
18) 4-Methylphenol	8.699	108	262706	22.719	ng/u1	99
19) Hexachloroethane	9.011	117	103911	22.666	ng/u1	92
22) Nitrobenzene	9.128	77	274285	21.780	ng/u1	97
23) Isophorone	9.658	82	516563	21.443	ng/u1	96
25) 2-Nitrophenol	9.840	139	143730	22.909	ng/u1	94
26) 2,4-Dimethylphenol	9.905	107	296749	22.215	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.140	93	325597	21.083	ng/u1	99
29) 2,4-Dichlorophenol	10.381	162	260994	22.452	ng/u1	97
30) Naphthalene	10.781	128	785768	21.252	ng/u1	100
32) 4-Chloroaniline	10.887	127	352821	22.094	ng/u1	98
33) Hexachlorobutadiene	11.075	225	184994	21.829	ng/u1	99
34) Caprolactam	11.657	113	73554	19.298	ng/u1	99
35) 4-Chloro-3-methylphenol	12.016	107	272073	22.608	ng/u1	99
36) 2-Methylnaphthalene	12.393	142	544991	21.440	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.610	142	550767	21.459	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.763	216	328764	21.368	ng/ul	97
40) Hexachlorocyclopentadiene	12.746	237	161446	16.181	ng/ul	95
41) 2,4,6-Trichlorophenol	12.999	196	211993	21.898	ng/ul	98
42) 2,4,5-Trichlorophenol	13.069	196	236551	22.694	ng/ul	99
43) 1,1'-Biphenyl	13.399	154	742348	21.185	ng/ul	99
44) 2-Chloronaphthalene	13.440	162	578654	21.309	ng/ul	100
45) 2-Nitroaniline	13.640	65	154541	22.558	ng/ul	92
47) Dimethylphthalate	14.022	163	712303	20.974	ng/ul	99
48) 2,6-Dinitrotoluene	14.140	165	145502	22.431	ng/ul	93
50) Acenaphthylene	14.287	152	914856	21.457	ng/ul	99
51) 3-Nitroaniline	14.463	138	107955	15.692	ng/ul#	96
52) Acenaphthene	14.628	153	598200	21.274	ng/ul	99
53) 2,4-Dinitrophenol	14.669	184	51038	12.606	ng/ul	93
55) 4-Nitrophenol	14.775	109	119339	21.433	ng/ul	90
56) Dibenzofuran	14.963	168	875280	21.293	ng/ul	100
57) 2,4-Dinitrotoluene	14.928	165	205890	22.101	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.193	232	190763	22.452	ng/ul	96
59) Diethylphthalate	15.393	149	711547	21.363	ng/ul	98
61) Fluorene	15.616	166	685064	21.381	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.610	204	361449	21.272	ng/ul	98
63) 4-Nitroaniline	15.628	138	96596m	15.124	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.693	198	96126	16.327	ng/ul	98
67) N-Nitrosodiphenylamine	15.822	169	607940	21.550	ng/ul	98
68) 4-Bromophenyl-phenylether	16.510	248	229344	21.510	ng/ul	97
69) Hexachlorobenzene	16.628	284	266536	21.588	ng/ul	95
70) Atrazine	16.781	200	244385	20.893	ng/ul	99
71) Pentachlorophenol	16.975	266	158952	20.730	ng/ul	98
72) Phenanthrene	17.363	178	1133062	21.439	ng/ul	99
74) Anthracene	17.457	178	1135264	21.595	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.369	216	346105	21.649	ng/ul	98
76) Pentachlorobenzene	14.887	250	332828	21.590	ng/ul	99
77) Carbazole	17.728	167	1031199	21.248	ng/ul	99
78) Di-n-butylphthalate	18.286	149	1208349	21.747	ng/ul	99
80) Fluoranthene	19.334	202	1423099	21.245	ng/ul	97
82) Pyrene	19.686	202	1443053	21.284	ng/ul	96
83) Butylbenzylphthalate	20.563	149	600708	22.772	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.328	252	397676	18.277	ng/ul	99
85) Benzo(a)anthracene	21.398	228	1497897	21.486	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.333	149	851120	21.713	ng/ul#	99
87) Chrysene	21.451	228	1441845	21.390	ng/ul	99
89) Di-n-octyl phthalate	22.269	149	1498434	21.609	ng/ul	100
90) Benzo(b)fluoranthene	23.110	252	1581906	21.567	ng/ul	99
91) Benzo(k)fluoranthene	23.163	252	1529602m	22.284	ng/ul	
93) Benzo(a)pyrene	23.751	252	1556882	21.907	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.410	276	1850677	21.862	ng/ul	98
95) Dibenzo(a,h)anthracene	26.427	278	1583085	21.823	ng/ul	97
96) Benzo(g,h,i)perylene	27.192	276	1580993	21.958	ng/ul	95

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

