

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102121\
 Data File : BP007544.D
 Acq On : 21 Oct 2021 08:42
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020709

Quant Time: Oct 21 09:57:51 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 20 10:49:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	215243	20.000	ng/u1	0.00
20) Naphthalene-d8	10.757	136	869862	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.587	164	551673	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.339	188	1168087	20.000	ng/u1	0.00
79) Chrysene-d12	21.422	240	1226632	20.000	ng/u1	0.00
88) Perylene-d12	23.868	264	1310128	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	38961	7.149	ng/uL	0.00
4) Pyridine-d5	3.793	84	295642	19.818	ng/u1	0.00
7) Phenol-d5	7.111	99	324658	19.314	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	187849	18.737	ng/u1	0.00
11) 2-Chlorophenol-d4	7.481	132	259602	19.632	ng/u1	0.00
15) 4-Methylphenol-d8	8.657	113	255082	19.701	ng/u1	0.00
21) Nitrobenzene-d5	9.105	128	113959	20.701	ng/u1	0.00
24) 2-Nitrophenol-d4	9.834	143	115869	22.534	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	261078	20.817	ng/u1	0.00
31) 4-Chloroaniline-d4	10.887	131	337074	19.875	ng/u1	0.00
46) Dimethylphthalate-d6	13.993	166	716955	18.785	ng/u1	0.00
49) Acenaphthylene-d8	14.275	160	910576	18.984	ng/u1	0.00
54) 4-Nitrophenol-d4	14.769	143	126110	20.592	ng/u1	0.00
60) Fluorene-d10	15.581	176	622480	19.489	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	88479	18.904	ng/u1	0.00
73) Anthracene-d10	17.439	188	974731	19.649	ng/u1	0.00
81) Pyrene-d10	19.669	212	1155549	18.844	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.710	264	1239073	19.007	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.411	88	41313	6.969	ng/uL	93
5) Pyridine	3.811	79	288401	19.989	ng/u1	99
6) Benzaldehyde	7.081	77	212309	22.480	ng/u1	99
8) Phenol	7.134	94	337047	19.612	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.369	93	267215	19.266	ng/u1	99
12) 2-Chlorophenol	7.510	128	268896	19.807	ng/u1	99
13) 2-Methylphenol	8.393	108	250361	19.339	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.487	45	313414	17.732	ng/u1	99
16) Acetophenone	8.769	105	392869	19.835	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.757	70	191634	18.701	ng/u1	94
18) 4-Methylphenol	8.722	108	268256	19.455	ng/u1	96
19) Hexachloroethane	9.040	117	106677	18.768	ng/u1	94
22) Nitrobenzene	9.146	77	284648	20.139	ng/u1	96
23) Isophorone	9.681	82	536806	18.142	ng/u1	97
25) 2-Nitrophenol	9.863	139	131542	22.070	ng/u1	95
26) 2,4-Dimethylphenol	9.928	107	299195	19.661	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.163	93	346088	18.876	ng/u1	99
29) 2,4-Dichlorophenol	10.399	162	252319	20.469	ng/u1	98
30) Naphthalene	10.804	128	817726	19.329	ng/u1	99
32) 4-Chloroaniline	10.910	127	344284	20.062	ng/u1	98
33) Hexachlorobutadiene	11.104	225	175153	20.238	ng/u1	99
34) Caprolactam	11.675	113	77214	23.879	ng/u1	84
35) 4-Chloro-3-methylphenol	12.034	107	271163	20.250	ng/u1	98
36) 2-Methylnaphthalene	12.416	142	559173	19.340	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.634	142	567877	19.402	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.781	216	328235	20.584	ng/ul	98
40) Hexachlorocyclopentadiene	12.769	237	152982	15.214	ng/ul	99
41) 2,4,6-Trichlorophenol	13.016	196	201397	21.478	ng/ul	98
42) 2,4,5-Trichlorophenol	13.087	196	225247	23.073	ng/ul	99
43) 1,1'-Biphenyl	13.422	154	754522	19.189	ng/ul	100
44) 2-Chloronaphthalene	13.463	162	581234	19.192	ng/ul	99
45) 2-Nitroaniline	13.657	65	147802	20.991	ng/ul	93
47) Dimethylphthalate	14.040	163	719781	18.986	ng/ul	99
48) 2,6-Dinitrotoluene	14.157	165	132943	21.147	ng/ul	93
50) Acenaphthylene	14.304	152	930749	19.246	ng/ul	99
51) 3-Nitroaniline	14.481	138	151955	21.693	ng/ul	98
52) Acenaphthene	14.651	153	607245	19.391	ng/ul	99
53) 2,4-Dinitrophenol	14.687	184	52524	18.086	ng/ul	94
55) 4-Nitrophenol	14.781	109	106617	19.270	ng/ul	99
56) Dibenzofuran	14.987	168	885737	19.479	ng/ul	99
57) 2,4-Dinitrotoluene	14.940	165	194374	22.013	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.210	232	179807	22.196	ng/ul	99
59) Diethylphthalate	15.410	149	711207	18.815	ng/ul	98
61) Fluorene	15.634	166	688608	19.988	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.628	204	354997	20.237	ng/ul	99
63) 4-Nitroaniline	15.639	138	146650	23.615	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.704	198	90349	18.661	ng/ul#	97
67) N-Nitrosodiphenylamine	15.839	169	615262	19.564	ng/ul	99
68) 4-Bromophenyl-phenylether	16.528	248	220643	20.969	ng/ul	96
69) Hexachlorobenzene	16.645	284	252607	19.958	ng/ul	98
70) Atrazine	16.798	200	235958	19.820	ng/ul	98
71) Pentachlorophenol	16.986	266	146796	20.951	ng/ul	97
72) Phenanthrene	17.381	178	1141476	19.548	ng/ul	99
74) Anthracene	17.469	178	1148273	19.661	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.387	216	338616	19.987	ng/uL	99
76) Pentachlorobenzene	14.904	250	322572	20.425	ng/uL	99
77) Carbazole	17.739	167	1064783	20.755	ng/ul	99
78) Di-n-butylphthalate	18.298	149	1212695	19.242	ng/ul	100
80) Fluoranthene	19.345	202	1413026	18.571	ng/ul	100
82) Pyrene	19.698	202	1447221	18.862	ng/ul	99
83) Butylbenzylphthalate	20.575	149	547875	19.449	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.339	252	436202	18.690	ng/ul#	98
85) Benzo(a)anthracene	21.410	228	1446556	19.194	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.345	149	811474	18.842	ng/ul	100
87) Chrysene	21.463	228	1391315	19.057	ng/ul	100
89) Di-n-octyl phthalate	22.286	149	1382126	18.696	ng/ul	100
90) Benzo(b)fluoranthene	23.121	252	1540724	19.322	ng/ul	99
91) Benzo(k)fluoranthene	23.174	252	1382208	18.590	ng/ul	99
93) Benzo(a)pyrene	23.763	252	1453870	19.061	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.427	276	1693627	19.167	ng/ul	99
95) Dibenzo(a,h)anthracene	26.451	278	1443612	19.186	ng/ul	99
96) Benzo(g,h,i)perylene	27.209	276	1455216	19.122	ng/ul	98

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

