

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102821\
 Data File : BP007761.D
 Acq On : 28 Oct 2021 20:09
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020724

Manual Integrations
 APPROVED

mohammad
 10/29/2021 2:25:29 PM

Quant Time: Oct 29 00:59:40 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	159581	20.000	ng/u1	0.00
20) Naphthalene-d8	10.734	136	665060	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.563	164	440328	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.322	188	956841	20.000	ng/u1	0.00
79) Chrysene-d12	21.410	240	1026679	20.000	ng/u1	-0.01
88) Perylene-d12	23.851	264	1102777	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	28515	8.117	ng/uL	0.00
4) Pyridine-d5	3.781	84	225521	21.229	ng/u1	0.00
7) Phenol-d5	7.093	99	266681	22.002	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.257	67	147643	21.939	ng/u1	0.00
11) 2-Chlorophenol-d4	7.457	132	220075	23.345	ng/u1	0.00
15) 4-Methylphenol-d8	8.640	113	214556	22.606	ng/u1	0.00
21) Nitrobenzene-d5	9.087	128	102043	22.515	ng/u1	0.00
24) 2-Nitrophenol-d4	9.810	143	114346	23.100	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.351	165	231362	22.962	ng/u1	0.00
31) 4-Chloroaniline-d4	10.863	131	305881	22.960	ng/u1	0.00
46) Dimethylphthalate-d6	13.975	166	663962	22.261	ng/u1	0.00
49) Acenaphthylene-d8	14.257	160	822851	22.509	ng/u1	0.00
54) 4-Nitrophenol-d4	14.757	143	116119	21.238	ng/u1	0.00
60) Fluorene-d10	15.563	176	558973	22.230	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.675	200	100546	19.645	ng/u1	0.00
73) Anthracene-d10	17.422	188	882223	22.436	ng/u1	0.00
81) Pyrene-d10	19.657	212	1046645	21.897	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.692	264	1215225	22.432	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.399	88	30862	7.858	ng/uL	92
5) Pyridine	3.799	79	219524	21.096	ng/u1	98
6) Benzaldehyde	7.063	77	94562	16.228	ng/u1	96
8) Phenol	7.116	94	268872	21.955	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.352	93	215812	22.353	ng/u1	96
12) 2-Chlorophenol	7.493	128	224806	23.522	ng/u1	96
13) 2-Methylphenol	8.375	108	205772	22.243	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.463	45	244363	22.284	ng/u1	98
16) Acetophenone	8.752	105	332814	23.495	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.740	70	161941	24.036	ng/u1	95
18) 4-Methylphenol	8.704	108	226871	22.997	ng/u1	93
19) Hexachloroethane	9.016	117	88793	22.702	ng/u1#	81
22) Nitrobenzene	9.128	77	241304	22.564	ng/u1	95
23) Isophorone	9.657	82	459367	22.455	ng/u1	97
25) 2-Nitrophenol	9.840	139	123721	23.222	ng/u1#	93
26) 2,4-Dimethylphenol	9.904	107	254102	22.401	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.146	93	282015	21.504	ng/u1	98
29) 2,4-Dichlorophenol	10.381	162	225412	22.835	ng/u1	97
30) Naphthalene	10.781	128	691835	22.034	ng/u1	99
32) 4-Chloroaniline	10.893	127	313169	23.094	ng/u1	97
33) Hexachlorobutadiene	11.081	225	163747	22.753	ng/u1	98
34) Caprolactam	11.651	113	65740m	20.311	ng/u1	
35) 4-Chloro-3-methylphenol	12.016	107	235039	22.999	ng/u1	98
36) 2-Methylnaphthalene	12.393	142	484232	22.433	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.610	142	487494	22.367	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.763	216	300587	22.505	ng/ul	98
40) Hexachlorocyclopentadiene	12.745	237	160624	18.544	ng/ul	95
41) 2,4,6-Trichlorophenol	12.998	196	191304	22.764	ng/ul	99
42) 2,4,5-Trichlorophenol	13.069	196	208439	23.035	ng/ul	96
43) 1,1'-Biphenyl	13.398	154	668828	21.987	ng/ul	98
44) 2-Chloronaphthalene	13.440	162	522959	22.184	ng/ul	98
45) 2-Nitroaniline	13.640	65	132941	22.354	ng/ul	94
47) Dimethylphthalate	14.022	163	656310	22.262	ng/ul	98
48) 2,6-Dinitrotoluene	14.139	165	129578	23.012	ng/ul	94
50) Acenaphthylene	14.287	152	831346	22.461	ng/ul	99
51) 3-Nitroaniline	14.463	138	97774	16.372	ng/ul#	93
52) Acenaphthene	14.628	153	539154	22.087	ng/ul	99
53) 2,4-Dinitrophenol	14.669	184	59991	17.069	ng/ul	95
55) 4-Nitrophenol	14.775	109	107608	22.263	ng/ul	89
56) Dibenzofuran	14.963	168	790125	22.142	ng/ul	100
57) 2,4-Dinitrotoluene	14.928	165	189080	23.381	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.192	232	173949	23.584	ng/ul	98
59) Diethylphthalate	15.392	149	650270	22.490	ng/ul	98
61) Fluorene	15.616	166	626185	22.513	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.610	204	331520	22.475	ng/ul	98
63) 4-Nitroaniline	15.628	138	85969	15.505	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.692	198	103691	20.127	ng/ul	99
67) N-Nitrosodiphenylamine	15.828	169	552490	22.381	ng/ul	98
68) 4-Bromophenyl-phenylether	16.510	248	207829	22.276	ng/ul	96
69) Hexachlorobenzene	16.628	284	242807	22.474	ng/ul	97
70) Atrazine	16.781	200	223556	21.841	ng/ul	99
71) Pentachlorophenol	16.969	266	143607	21.403	ng/ul	99
72) Phenanthrene	17.363	178	1018209	22.016	ng/ul	99
74) Anthracene	17.457	178	1037686	22.558	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.369	216	308660	22.064	ng/uL	100
76) Pentachlorobenzene	14.886	250	300704	22.291	ng/uL	98
77) Carbazole	17.722	167	919541	21.653	ng/ul	99
78) Di-n-butylphthalate	18.286	149	1096843	22.559	ng/ul	99
80) Fluoranthene	19.333	202	1279925	21.849	ng/ul	95
82) Pyrene	19.686	202	1308092	22.062	ng/ul#	94
83) Butylbenzylphthalate	20.563	149	518136	22.460	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.327	252	371567	19.528	ng/ul#	98
85) Benzo(a)anthracene	21.392	228	1347397	22.100	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.327	149	762973	22.258	ng/ul	99
87) Chrysene	21.451	228	1311305	22.245	ng/ul	100
89) Di-n-octyl phthalate	22.268	149	1339428	21.805	ng/ul	100
90) Benzo(b)fluoranthene	23.110	252	1462177m	22.502	ng/ul	
91) Benzo(k)fluoranthene	23.157	252	1326155	21.809	ng/ul#	98
93) Benzo(a)pyrene	23.745	252	1395640	22.168	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.404	276	1657614	22.104	ng/ul	97
95) Dibenzo(a,h)anthracene	26.421	278	1419687	22.091	ng/ul	97
96) Benzo(g,h,i)perylene	27.180	276	1407550	22.067	ng/ul	96

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

