

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102121\
 Data File : BP007580.D
 Acq On : 22 Oct 2021 08:47
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020712

Manual Integrations
 APPROVED

mohammad
 10/22/2021 2:55:11 PM

Quant Time: Oct 22 09:13:48 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	7.946	152	249222	20.000	ng/u1	0.00
20) Naphthalene-d8	10.751	136	982274	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.581	164	623210	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.333	188	1354950	20.000	ng/u1	0.00
79) Chrysene-d12	21.421	240	1421603	20.000	ng/u1	0.00
88) Perylene-d12	23.868	264	1527185	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	42810	6.784	ng/uL	0.00
4) Pyridine-d5	3.793	84	343672	19.896	ng/u1	0.00
7) Phenol-d5	7.105	99	388677	19.970	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	219584	18.916	ng/u1	0.00
11) 2-Chlorophenol-d4	7.475	132	313813	20.496	ng/u1	0.00
15) 4-Methylphenol-d8	8.652	113	305954	20.408	ng/u1	0.00
21) Nitrobenzene-d5	9.104	128	140261	22.563	ng/u1	0.00
24) 2-Nitrophenol-d4	9.828	143	153178	26.381	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	325310	22.970	ng/u1	0.00
31) 4-Chloroaniline-d4	10.881	131	409294	21.371	ng/u1	0.00
46) Dimethylphthalate-d6	13.992	166	869577	20.168	ng/u1	0.00
49) Acenaphthylene-d8	14.275	160	1118171	20.636	ng/u1	0.00
54) 4-Nitrophenol-d4	14.769	143	159333	23.031	ng/u1	0.00
60) Fluorene-d10	15.575	176	756186	20.957	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	111199	20.482	ng/u1	0.00
73) Anthracene-d10	17.433	188	1180792	20.520	ng/u1	0.00
81) Pyrene-d10	19.669	212	1412755	19.879	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.710	264	1560097	20.530	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.411	88	48822	7.113	ng/uL	88
5) Pyridine	3.811	79	334248	20.008	ng/u1	99
6) Benzaldehyde	7.081	77	251653	23.012	ng/u1	99
8) Phenol	7.134	94	400803	20.142	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.369	93	314840	19.604	ng/u1	98
12) 2-Chlorophenol	7.510	128	321151	20.431	ng/u1	97
13) 2-Methylphenol	8.387	108	301105	20.088	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.475	45	363113	17.743	ng/u1	99
16) Acetophenone	8.769	105	465250	20.287	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.757	70	224660	18.935	ng/u1#	95
18) 4-Methylphenol	8.716	108	323466	20.261	ng/u1	97
19) Hexachloroethane	9.034	117	126427	19.210	ng/u1	89
22) Nitrobenzene	9.146	77	345886	21.671	ng/u1	97
23) Isophorone	9.681	82	640301	19.163	ng/u1	97
25) 2-Nitrophenol	9.857	139	167883	24.944	ng/u1	97
26) 2,4-Dimethylphenol	9.922	107	356410	20.740	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.163	93	408793	19.745	ng/u1	99
29) 2,4-Dichlorophenol	10.399	162	313215	22.501	ng/u1	97
30) Naphthalene	10.804	128	976170	20.434	ng/u1	99
32) 4-Chloroaniline	10.904	127	418823	21.612	ng/u1	99
33) Hexachlorobutadiene	11.098	225	216639	22.167	ng/u1	99
34) Caprolactam	11.669	113	94662m	25.924	ng/u1	
35) 4-Chloro-3-methylphenol	12.034	107	328956	21.754	ng/u1	100
36) 2-Methylnaphthalene	12.410	142	671765	20.575	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.628	142	683017	20.665	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.781	216	398082	22.098	ng/ul	97
40) Hexachlorocyclopentadiene	12.769	237	185208	16.305	ng/ul	98
41) 2,4,6-Trichlorophenol	13.016	196	250383	23.637	ng/ul	98
42) 2,4,5-Trichlorophenol	13.087	196	275263	24.960	ng/ul	97
43) 1,1'-Biphenyl	13.416	154	903805	20.347	ng/ul	100
44) 2-Chloronaphthalene	13.457	162	698623	20.420	ng/ul	98
45) 2-Nitroaniline	13.657	65	185673	23.342	ng/ul	90
47) Dimethylphthalate	14.039	163	861593	20.118	ng/ul	100
48) 2,6-Dinitrotoluene	14.151	165	170278	23.977	ng/ul	97
50) Acenaphthylene	14.304	152	1118433	20.472	ng/ul	100
51) 3-Nitroaniline	14.475	138	190883	24.122	ng/ul#	97
52) Acenaphthene	14.645	153	720607	20.369	ng/ul	98
53) 2,4-Dinitrophenol	14.687	184	68763	20.960	ng/ul	90
55) 4-Nitrophenol	14.781	109	136369	21.818	ng/ul	97
56) Dibenzofuran	14.981	168	1060541	20.646	ng/ul	100
57) 2,4-Dinitrotoluene	14.939	165	248250	24.887	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.210	232	224969	24.583	ng/ul	94
59) Diethylphthalate	15.410	149	843172	19.746	ng/ul	98
61) Fluorene	15.634	166	825642	21.214	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.628	204	425226	21.458	ng/ul	98
63) 4-Nitroaniline	15.639	138	183563	26.166	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.704	198	113957	20.291	ng/ul	97
67) N-Nitrosodiphenylamine	15.839	169	742421	20.352	ng/ul	99
68) 4-Bromophenyl-phenylether	16.528	248	271396	22.235	ng/ul	95
69) Hexachlorobenzene	16.639	284	310442	21.145	ng/ul	97
70) Atrazine	16.798	200	290979	21.070	ng/ul	98
71) Pentachlorophenol	16.986	266	191671	23.583	ng/ul	99
72) Phenanthrene	17.380	178	1372874	20.268	ng/ul	100
74) Anthracene	17.469	178	1382478	20.406	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.381	216	413680	21.050	ng/ul	99
76) Pentachlorobenzene	14.904	250	390537	21.318	ng/ul	99
77) Carbazole	17.733	167	1282889	21.558	ng/ul	99
78) Di-n-butylphthalate	18.298	149	1487234	20.343	ng/ul	99
80) Fluoranthene	19.345	202	1740223	19.735	ng/ul	98
82) Pyrene	19.698	202	1758610	19.777	ng/ul	98
83) Butylbenzylphthalate	20.574	149	702832	21.528	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.333	252	570307	21.085	ng/ul	99
85) Benzo(a)anthracene	21.404	228	1786357	20.452	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.339	149	1022493	20.486	ng/ul	99
87) Chrysene	21.463	228	1701783	20.112	ng/ul	99
89) Di-n-octyl phthalate	22.286	149	1794893	20.829	ng/ul	100
90) Benzo(b)fluoranthene	23.121	252	1858495	19.995	ng/ul	100
91) Benzo(k)fluoranthene	23.168	252	1760854	20.317	ng/ul	99
93) Benzo(a)pyrene	23.762	252	1797089	20.212	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.427	276	2103832	20.425	ng/ul	99
95) Dibenzo(a,h)anthracene	26.451	278	1797077	20.489	ng/ul	98
96) Benzo(g,h,i)perylene	27.209	276	1808692	20.389	ng/ul	97

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

