

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
 Data File : BP012234.D
 Acq On : 21 Oct 2022 03:21
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020787

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022
 Supervised By :mohammad ahmed 10/24/2022

Quant Time: Oct 22 02:45:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 22 01:24:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	444088	20.000	ng/u1	0.00
20) Naphthalene-d8	10.628	136	1911167	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.475	164	1144136	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.233	188	2200498	20.000	ng/u1	0.00
79) Chrysene-d12	21.327	240	1554443	20.000	ng/u1	0.00
88) Perylene-d12	23.727	264	1623642	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	91479	8.337	ng/uL	0.00
4) Pyridine-d5	3.675	84	678925	21.472	ng/u1	0.00
7) Phenol-d5	6.993	99	819734	21.381	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.158	67	490801	21.109	ng/u1	0.00
11) 2-Chlorophenol-d4	7.352	132	647451	22.186	ng/u1	0.00
15) 4-Methylphenol-d8	8.540	113	648010	21.747	ng/u1	0.00
21) Nitrobenzene-d5	8.993	128	325954	23.041	ng/u1	0.00
24) 2-Nitrophenol-d4	9.710	143	354474	23.224	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	647335	22.611	ng/u1	0.00
31) 4-Chloroaniline-d4	10.775	131	883283	21.715	ng/u1	0.00
46) Dimethylphthalate-d6	13.887	166	1748508	21.970	ng/u1	0.00
49) Acenaphthylene-d8	14.163	160	2062920	22.708	ng/u1	0.00
54) 4-Nitrophenol-d4	14.687	143	283985	19.046	ng/u1	0.00
60) Fluorene-d10	15.469	176	1491526	21.784	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	212922	17.009	ng/u1	0.00
73) Anthracene-d10	17.333	188	2126646	22.048	ng/u1	0.00
81) Pyrene-d10	19.569	212	2029954	22.937	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.574	264	1768252	21.717	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.293	88	97864	8.287	ng/uL	99
5) Pyridine	3.699	79	655962	21.106	ng/u1	95
6) Benzaldehyde	6.969	77	444056	24.642	ng/u1	97
8) Phenol	7.022	94	861795	21.486	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.252	93	697116	21.533	ng/u1	99
12) 2-Chlorophenol	7.387	128	699077	22.202	ng/u1	99
13) 2-Methylphenol	8.269	108	653061	21.627	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.357	45	900960	20.928	ng/u1	100
16) Acetophenone	8.657	105	1015380	22.060	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.640	70	501546	21.527	ng/u1	98
18) 4-Methylphenol	8.604	108	716582	21.790	ng/u1	99
19) Hexachloroethane	8.899	117	269838	21.696	ng/u1	96
22) Nitrobenzene	9.034	77	762787	22.131	ng/u1	98
23) Isophorone	9.563	82	1440506	21.774	ng/u1	100
25) 2-Nitrophenol	9.746	139	397763	22.937	ng/u1	99
26) 2,4-Dimethylphenol	9.804	107	766039	22.411	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.046	93	936125	21.616	ng/u1	99
29) 2,4-Dichlorophenol	10.275	162	664046	22.414	ng/u1	100
30) Naphthalene	10.675	128	2218254	21.702	ng/u1	100
32) 4-Chloroaniline	10.799	127	909925	21.672	ng/u1	100
33) Hexachlorobutadiene	10.957	225	424048	22.756	ng/u1	99
34) Caprolactam	11.593	113	184480	20.059	ng/u1	96
35) 4-Chloro-3-methylphenol	11.922	107	685203	21.421	ng/u1	99
36) 2-Methylnaphthalene	12.293	142	1491420	21.446	ng/u1	99

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37) 1-Methylnaphthalene	12.510	142	1485967	21.399	ng/u1	100
39) 1,2,4,5-Tetrachloroben...	12.657	216	794165	22.844	ng/u1	99
40) Hexachlorocyclopentadiene	12.634	237	289696	15.674	ng/u1	99
41) 2,4,6-Trichlorophenol	12.904	196	513237	22.875	ng/u1	100
42) 2,4,5-Trichlorophenol	12.975	196	557895	22.794	ng/u1	99
43) 1,1'-Biphenyl	13.304	154	1898493	22.310	ng/u1	99
44) 2-Chloronaphthalene	13.345	162	1507494	22.345	ng/u1	99
45) 2-Nitroaniline	13.563	65	406705	22.676	ng/u1	98
47) Dimethylphthalate	13.934	163	1827277	21.910	ng/u1	99
48) 2,6-Dinitrotoluene	14.063	165	369116	23.131	ng/u1	97
50) Acenaphthylene	14.198	152	2281410	22.539	ng/u1	100
51) 3-Nitroaniline	14.392	138	381981	22.677	ng/u1	96
52) Acenaphthene	14.539	153	1568204	21.907	ng/u1	99
53) 2,4-Dinitrophenol	14.598	184	132391	13.817	ng/u1	97
55) 4-Nitrophenol	14.704	109	215308	19.436	ng/u1	93
56) Dibenzofuran	14.875	168	2145167	21.890	ng/u1	99
57) 2,4-Dinitrotoluene	14.851	165	511373	22.454	ng/u1	96
58) 2,3,4,6-Tetrachlorophenol	15.104	232	441364	21.330	ng/u1	98
59) Diethylphthalate	15.304	149	1785496	21.783	ng/u1	99
61) Fluorene	15.528	166	1680801	21.648	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.522	204	858458	22.187	ng/u1	98
63) 4-Nitroaniline	15.557	138	369634m	23.376	ng/u1	
66) 4,6-Dinitro-2-methylph...	15.616	198	228342	17.376	ng/u1	99
67) N-Nitrosodiphenylamine	15.739	169	1473448	23.070	ng/u1	99
68) 4-Bromophenyl-phenylether	16.422	248	546760	23.468	ng/u1	99
69) Hexachlorobenzene	16.534	284	633982	23.085	ng/u1	99
70) Atrazine	16.698	200	494390	22.174	ng/u1	100
71) Pentachlorophenol	16.881	266	302690	18.259	ng/u1	99
72) Phenanthrene	17.275	178	2586886	21.873	ng/u1	99
74) Anthracene	17.369	178	2590957	22.142	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.269	216	796008	24.242	ng/uL	98
76) Pentachlorobenzene	14.792	250	826470	23.895	ng/uL	100
77) Carbazole	17.645	167	2185537	21.163	ng/u1	100
78) Di-n-butylphthalate	18.192	149	2836324	22.894	ng/u1	100
80) Fluoranthene	19.245	202	2581463	23.605	ng/u1	98
82) Pyrene	19.598	202	2586203	23.114	ng/u1	97
83) Butylbenzylphthalate	20.474	149	994003	22.841	ng/u1	97
84) 3,3'-Dichlorobenzidine	21.245	252	634907	18.754	ng/u1	98
85) Benzo(a)anthracene	21.310	228	2227603	21.988	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.233	149	1409035	23.110	ng/u1	99
87) Chrysene	21.363	228	2053846	21.725	ng/u1	100
89) Di-n-octyl phthalate	22.151	149	2136043	19.021	ng/u1	100
90) Benzo(b)fluoranthene	22.992	252	2213768	20.459	ng/u1	100
91) Benzo(k)fluoranthene	23.045	252	2235554	20.960	ng/u1	99
93) Benzo(a)pyrene	23.621	252	2014425	21.770	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.227	276	2565279	23.949	ng/u1	99
95) Dibenzo(a,h)anthracene	26.245	278	2319962	24.024	ng/u1	99
96) Benzo(g,h,i)perylene	26.998	276	2219163	22.065	ng/u1	99

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

