

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
 Data File : BP023899.D
 Acq On : 04 Feb 2025 04:44
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020792

Quant Time: Feb 04 08:08:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 03 11:19:36 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
 Supervised By :mohammad ahmed 02/06/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	525396	20.000	ng/u1	0.00
20) Naphthalene-d8	10.551	136	2223474	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.392	164	1399553	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.192	188	2674943	20.000	ng/u1	0.00
79) Chrysene-d12	21.627	240	2728000	20.000	ng/u1	-0.01
88) Perylene-d12	24.998	264	2740992	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	110374	8.728	ng/uL	0.00
4) Pyridine-d5	3.705	84	831532	22.789	ng/u1	0.00
7) Phenol-d5	6.957	99	992540	21.347	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	536066	21.782	ng/u1	0.00
11) 2-Chlorophenol-d4	7.316	132	796743	21.821	ng/u1	0.00
15) 4-Methylphenol-d8	8.481	113	784071	20.643	ng/u1	0.00
21) Nitrobenzene-d5	8.922	128	385796	21.687	ng/u1	0.00
24) 2-Nitrophenol-d4	9.640	143	399402	20.808	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.181	165	760715	21.603	ng/u1	0.01
31) 4-Chloroaniline-d4	10.687	131	1119587	21.260	ng/u1	0.01
46) Dimethylphthalate-d6	13.798	166	2096254	20.080	ng/u1	0.00
49) Acenaphthylene-d8	14.087	160	2556262	21.711	ng/u1	0.00
54) 4-Nitrophenol-d4	14.610	143	414089	19.974	ng/u1	0.00
60) Fluorene-d10	15.398	176	1856425	21.117	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.522	200	304137	18.430	ng/u1	0.01
73) Anthracene-d10	17.286	188	2904636	22.115	ng/u1	0.00
81) Pyrene-d10	19.657	212	3220821	22.035	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.768	264	3078775	21.528	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.328	88	118040	8.876	ng/uL	99
5) Pyridine	3.722	79	832385	22.786	ng/u1	99
6) Benzaldehyde	6.928	77	610735	26.763	ng/u1	100
8) Phenol	6.987	94	1042174	21.829	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.205	93	780440	21.474	ng/u1	99
12) 2-Chlorophenol	7.352	128	822901	21.876	ng/u1	98
13) 2-Methylphenol	8.216	108	757155	21.077	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.287	45	813698	21.701	ng/u1	100
16) Acetophenone	8.587	105	1244209	21.428	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.575	70	573735	20.984	ng/u1	98
18) 4-Methylphenol	8.546	108	851898	21.374	ng/u1	99
19) Hexachloroethane	8.846	117	321855	21.639	ng/u1	97
22) Nitrobenzene	8.963	77	872462	22.599	ng/u1	98
23) Isophorone	9.487	82	1620219	20.786	ng/u1	99
25) 2-Nitrophenol	9.669	139	449657	21.477	ng/u1	98
26) 2,4-Dimethylphenol	9.734	107	844490	21.793	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.963	93	1013135	20.866	ng/u1	100
29) 2,4-Dichlorophenol	10.204	162	767246	21.486	ng/u1	99
30) Naphthalene	10.604	128	2614475	21.967	ng/u1	100
32) 4-Chloroaniline	10.710	127	1073203	21.594	ng/u1	100
33) Hexachlorobutadiene	10.893	225	453537	20.979	ng/u1	99
34) Caprolactam	11.487	113	257198	18.591	ng/u1	97
35) 4-Chloro-3-methylphenol	11.840	107	795488	20.723	ng/u1	99
36) 2-Methylnaphthalene	12.210	142	1773769	21.196	ng/u1	100

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37) 1-Methylnaphthalene	12.428	142	1754069	21.129	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.575	216	913822	22.086	ng/ul	99
40) Hexachlorocyclopentadiene	12.563	237	381959	16.383	ng/ul	100
41) 2,4,6-Trichlorophenol	12.822	196	582941	21.093	ng/ul	98
42) 2,4,5-Trichlorophenol	12.898	196	642355	21.564	ng/ul	99
43) 1,1'-Biphenyl	13.222	154	2289049	22.034	ng/ul	100
44) 2-Chloronaphthalene	13.263	162	1789977	22.113	ng/ul	100
45) 2-Nitroaniline	13.463	65	462491	21.953	ng/ul	96
47) Dimethylphthalate	13.845	163	2098842	20.207	ng/ul	100
48) 2,6-Dinitrotoluene	13.963	165	416478	20.517	ng/ul	96
50) Acenaphthylene	14.110	152	2779798	22.170	ng/ul	100
51) 3-Nitroaniline	14.298	138	482588	21.633	ng/ul	100
52) Acenaphthene	14.457	153	1956562	22.009	ng/ul	100
53) 2,4-Dinitrophenol	14.504	184	260151	21.497	ng/ul	98
55) 4-Nitrophenol	14.622	109	317846	21.671	ng/ul	96
56) Dibenzofuran	14.798	168	2654907	21.552	ng/ul	99
57) 2,4-Dinitrotoluene	14.757	165	625808	20.727	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.028	232	516127	20.361	ng/ul	94
59) Diethylphthalate	15.233	149	2089808	20.082	ng/ul	98
61) Fluorene	15.457	166	2230256	21.824	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.451	204	1067533	21.103	ng/ul	98
63) 4-Nitroaniline	15.469	138	521631	24.034	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.533	198	343228	18.918	ng/ul	98
67) N-Nitrosodiphenylamine	15.669	169	1808142	22.148	ng/ul	100
68) 4-Bromophenyl-phenylether	16.357	248	637236	21.115	ng/ul	98
69) Hexachlorobenzene	16.480	284	761068	20.813	ng/ul	97
70) Atrazine	16.645	200	639125	20.217	ng/ul	99
71) Pentachlorophenol	16.833	266	426187	18.949	ng/ul	100
72) Phenanthrene	17.233	178	3346303	22.152	ng/ul	99
74) Anthracene	17.322	178	3427004	22.496	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.187	216	879758	22.460	ng/ul	99
76) Pentachlorobenzene	14.716	250	930883	22.053	ng/ul	99
77) Carbazole	17.598	167	3079766	23.076	ng/ul	100
78) Di-n-butylphthalate	18.198	149	3400678	20.587	ng/ul	100
80) Fluoranthene	19.310	202	3714867	22.064	ng/ul	100
82) Pyrene	19.686	202	4024271	22.856	ng/ul	99
83) Butylbenzylphthalate	20.639	149	1509641	19.910	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.533	252	1186537	20.103	ng/ul	100
85) Benzo(a)anthracene	21.610	228	3915554	21.827	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.557	149	2239393	20.242	ng/ul	99
87) Chrysene	21.680	228	3624579	21.928	ng/ul	100
89) Di-n-octyl phthalate	22.845	149	3421079	20.821	ng/ul	100
90) Benzo(b)fluoranthene	23.933	252	3602009	21.657	ng/ul	99
91) Benzo(k)fluoranthene	24.010	252	3760452	22.554	ng/ul	99
93) Benzo(a)pyrene	24.839	252	3427832	22.070	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.827	276	4299257m	21.355	ng/ul	
95) Dibenzo(a,h)anthracene	28.903	278	3499519m	21.428	ng/ul	
96) Benzo(g,h,i)perylene	30.033	276	3306974	21.445	ng/ul	100

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

