

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020525\
 Data File : BP023937.D
 Acq On : 05 Feb 2025 15:43
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020796

Quant Time: Feb 05 17:51:13 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 :Yogesh Patel 02/06/2025
 Supervised By :mohammad ahmed 02/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	423241	20.000	ng/u1	0.00
20) Naphthalene-d8	10.546	136	1842953	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.387	164	1130155	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.175	188	2135716	20.000	ng/u1	-0.01
79) Chrysene-d12	21.616	240	2148779	20.000	ng/u1	-0.02
88) Perylene-d12	24.980	264	2067521	20.000	ng/u1	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	85736	8.417	ng/uL	0.00
4) Pyridine-d5	3.699	84	659866	22.449	ng/u1	0.00
7) Phenol-d5	6.952	99	815560	21.774	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.105	67	450312	22.713	ng/u1	0.00
11) 2-Chlorophenol-d4	7.310	132	644531	21.913	ng/u1	0.00
15) 4-Methylphenol-d8	8.475	113	648936	21.209	ng/u1	0.00
21) Nitrobenzene-d5	8.916	128	317427	21.528	ng/u1	0.00
24) 2-Nitrophenol-d4	9.634	143	330189	20.754	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.169	165	626912	21.479	ng/u1	0.00
31) 4-Chloroaniline-d4	10.675	131	931343	21.337	ng/u1	0.00
46) Dimethylphthalate-d6	13.792	166	1732437	20.551	ng/u1	0.00
49) Acenaphthylene-d8	14.075	160	2102145	22.110	ng/u1	0.00
54) 4-Nitrophenol-d4	14.604	143	319814	19.103	ng/u1	0.00
60) Fluorene-d10	15.392	176	1515775	21.352	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.504	200	236363	17.939	ng/u1	0.00
73) Anthracene-d10	17.275	188	2355557	22.463	ng/u1	-0.01
81) Pyrene-d10	19.639	212	2568470	22.308	ng/u1	-0.02
92) Benzo(a)pyrene-d12	24.751	264	2382757	22.088	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.322	88	90955	8.491	ng/uL	98
5) Pyridine	3.717	79	670648	22.789	ng/u1	99
6) Benzaldehyde	6.922	77	505929	27.521	ng/u1	99
8) Phenol	6.981	94	859364	22.344	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.199	93	651035	22.237	ng/u1	99
12) 2-Chlorophenol	7.346	128	676030	22.310	ng/u1	98
13) 2-Methylphenol	8.210	108	623386	21.542	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.281	45	684338	22.657	ng/u1	100
16) Acetophenone	8.581	105	1059437	22.650	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.569	70	491236	22.303	ng/u1	97
18) 4-Methylphenol	8.534	108	699725	21.793	ng/u1	96
19) Hexachloroethane	8.840	117	263406	21.984	ng/u1	94
22) Nitrobenzene	8.957	77	739112	23.098	ng/u1	97
23) Isophorone	9.481	82	1345871	20.831	ng/u1	98
25) 2-Nitrophenol	9.663	139	370781	21.366	ng/u1	97
26) 2,4-Dimethylphenol	9.728	107	714677	22.251	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.957	93	855663	21.262	ng/u1	99
29) 2,4-Dichlorophenol	10.199	162	637696	21.545	ng/u1	98
30) Naphthalene	10.599	128	2196873	22.270	ng/u1	99
32) 4-Chloroaniline	10.699	127	896199	21.756	ng/u1	99
33) Hexachlorobutadiene	10.887	225	378869	21.144	ng/u1	99
34) Caprolactam	11.475	113	202190	17.633	ng/u1	94
35) 4-Chloro-3-methylphenol	11.834	107	656917	20.647	ng/u1	98
36) 2-Methylnaphthalene	12.198	142	1480514	21.345	ng/u1	100

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37) 1-Methylnaphthalene	12.422	142	1472095	21.394	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.569	216	761368	22.788	ng/ul	99
40) Hexachlorocyclopentadiene	12.551	237	320589	17.028	ng/ul	98
41) 2,4,6-Trichlorophenol	12.816	196	480658	21.537	ng/ul	98
42) 2,4,5-Trichlorophenol	12.893	196	522276	21.712	ng/ul	99
43) 1,1'-Biphenyl	13.216	154	1903848	22.694	ng/ul	100
44) 2-Chloronaphthalene	13.257	162	1498047	22.918	ng/ul	99
45) 2-Nitroaniline	13.457	65	381341	22.415	ng/ul	94
47) Dimethylphthalate	13.840	163	1737673	20.717	ng/ul	100
48) 2,6-Dinitrotoluene	13.957	165	334459	20.404	ng/ul	97
50) Acenaphthylene	14.104	152	2305154	22.767	ng/ul	100
51) 3-Nitroaniline	14.287	138	384397	21.339	ng/ul	95
52) Acenaphthene	14.451	153	1597011	22.246	ng/ul	99
53) 2,4-Dinitrophenol	14.492	184	180254	18.446	ng/ul	95
55) 4-Nitrophenol	14.616	109	251699	21.251	ng/ul	96
56) Dibenzofuran	14.787	168	2207578	22.193	ng/ul	99
57) 2,4-Dinitrotoluene	14.751	165	496341	20.358	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.022	232	405505	19.810	ng/ul#	94
59) Diethylphthalate	15.216	149	1695973	20.182	ng/ul	100
61) Fluorene	15.445	166	1868298	22.640	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.439	204	895011	21.910	ng/ul	97
63) 4-Nitroaniline	15.457	138	411339	23.470	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.522	198	260957	18.015	ng/ul	99
67) N-Nitrosodiphenylamine	15.657	169	1467062	22.507	ng/ul	99
68) 4-Bromophenyl-phenylether	16.351	248	505651	20.985	ng/ul	97
69) Hexachlorobenzene	16.469	284	613742	21.022	ng/ul	99
70) Atrazine	16.634	200	508980	20.165	ng/ul	99
71) Pentachlorophenol	16.816	266	341653	19.025	ng/ul	98
72) Phenanthrene	17.222	178	2680015	22.221	ng/ul	100
74) Anthracene	17.310	178	2772309	22.793	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.181	216	740417	23.675	ng/ul	99
76) Pentachlorobenzene	14.710	250	770400	22.859	ng/ul	99
77) Carbazole	17.592	167	2483243	23.304	ng/ul	99
78) Di-n-butylphthalate	18.180	149	2703321	20.497	ng/ul	100
80) Fluoranthene	19.298	202	2966964	22.372	ng/ul	98
82) Pyrene	19.669	202	3241845	23.375	ng/ul	98
83) Butylbenzylphthalate	20.622	149	1168844	19.571	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.516	252	874065	18.801	ng/ul	98
85) Benzo(a)anthracene	21.598	228	3055622	21.625	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.539	149	1669747	19.162	ng/ul	99
87) Chrysene	21.663	228	2883726	22.149	ng/ul	99
89) Di-n-octyl phthalate	22.827	149	2558923	20.647	ng/ul	100
90) Benzo(b)fluoranthene	23.915	252	2855266	22.760	ng/ul	100
91) Benzo(k)fluoranthene	23.980	252	2897815	23.041	ng/ul	100
93) Benzo(a)pyrene	24.815	252	2653157	22.646	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.798	276	3245943m	21.375	ng/ul	
95) Dibenzo(a,h)anthracene	28.880	278	2646233	21.481	ng/ul	99
96) Benzo(g,h,i)perylene	29.980	276	2503706	21.525	ng/ul	99

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

