

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
 Data File : BP023764.D
 Acq On : 28 Jan 2025 08:06
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020780

Quant Time: Jan 28 08:33:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 27 21:53:59 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/28/2025
 Supervised By :mohammad ahmed 01/31/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	572008	20.000	ng/u1	0.00
20) Naphthalene-d8	10.569	136	2467008	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.422	164	1579400	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.222	188	3185127	20.000	ng/u1	0.00
79) Chrysene-d12	21.680	240	3842823	20.000	ng/u1	0.00
88) Perylene-d12	25.074	264	4255637	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	107723	7.585	ng/uL	0.00
4) Pyridine-d5	3.711	84	775741	18.929	ng/u1	0.00
7) Phenol-d5	6.981	99	977525	20.196	ng/u1	0.03
9) Bis-(2-Chloroethyl)eth...	7.122	67	523439	19.146	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	786247	21.368	ng/u1	0.00
15) 4-Methylphenol-d8	8.499	113	793801	20.857	ng/u1	0.02
21) Nitrobenzene-d5	8.934	128	388143	20.882	ng/u1	0.00
24) 2-Nitrophenol-d4	9.652	143	409521	24.032	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.205	165	785487	21.930	ng/u1	0.02
31) 4-Chloroaniline-d4	10.699	131	1129647	19.721	ng/u1	0.00
46) Dimethylphthalate-d6	13.822	166	2260048	19.897	ng/u1	0.00
49) Acenaphthylene-d8	14.110	160	2651103	20.167	ng/u1	0.00
54) 4-Nitrophenol-d4	14.646	143	436715	19.135	ng/u1	0.05
60) Fluorene-d10	15.428	176	1975137	20.314	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.540	200	326955	20.845	ng/u1	0.01
73) Anthracene-d10	17.322	188	3126751	20.448	ng/u1	0.00
81) Pyrene-d10	19.704	212	3995310	20.432	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.863	264	4425842	20.778	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	110206	7.335	ng/uL	97
5) Pyridine	3.728	79	776107	18.732	ng/u1	96
6) Benzaldehyde	6.940	77	585920	24.088	ng/u1	96
8) Phenol	7.005	94	1016953	20.080	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.217	93	770259	19.550	ng/u1	99
12) 2-Chlorophenol	7.364	128	815229	20.899	ng/u1	98
13) 2-Methylphenol	8.240	108	752242	20.468	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.305	45	793050	19.406	ng/u1	99
16) Acetophenone	8.605	105	1249577	20.443	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.587	70	580172	20.516	ng/u1	98
18) 4-Methylphenol	8.564	108	848107	20.755	ng/u1	96
19) Hexachloroethane	8.864	117	315222	19.773	ng/u1	98
22) Nitrobenzene	8.975	77	847231	19.509	ng/u1	97
23) Isophorone	9.505	82	1620331	19.617	ng/u1	98
25) 2-Nitrophenol	9.681	139	455858	22.785	ng/u1	94
26) 2,4-Dimethylphenol	9.758	107	858020	20.692	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.981	93	1039494	19.422	ng/u1	99
29) 2,4-Dichlorophenol	10.228	162	800312	21.613	ng/u1	99
30) Naphthalene	10.616	128	2613906	19.688	ng/u1	99
32) 4-Chloroaniline	10.728	127	1076041	19.677	ng/u1	100
33) Hexachlorobutadiene	10.910	225	464762	19.939	ng/u1	98
34) Caprolactam	11.505	113	327674	24.123	ng/u1	91
35) 4-Chloro-3-methylphenol	11.869	107	885336	23.080	ng/u1	96
36) 2-Methylnaphthalene	12.228	142	1964305	21.910	ng/u1	100

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37) 1-Methylnaphthalene	12.446	142	1955210	21.817	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.599	216	940014	20.038	ng/ul	98
40) Hexachlorocyclopentadiene	12.581	237	551975	23.092	ng/ul	100
41) 2,4,6-Trichlorophenol	12.840	196	616808	22.363	ng/ul	99
42) 2,4,5-Trichlorophenol	12.928	196	686446	22.533	ng/ul	100
43) 1,1'-Biphenyl	13.246	154	2397742	20.176	ng/ul	99
44) 2-Chloronaphthalene	13.281	162	1849173	19.986	ng/ul	100
45) 2-Nitroaniline	13.487	65	471715	21.468	ng/ul	93
47) Dimethylphthalate	13.869	163	2261347	19.831	ng/ul	100
48) 2,6-Dinitrotoluene	13.981	165	448116	22.032	ng/ul	96
50) Acenaphthylene	14.140	152	2891431	20.286	ng/ul	100
51) 3-Nitroaniline	14.316	138	512834	21.606	ng/ul	96
52) Acenaphthene	14.481	153	2014611	19.991	ng/ul	100
53) 2,4-Dinitrophenol	14.522	184	229546	22.989	ng/ul	94
55) 4-Nitrophenol	14.663	109	320813	19.154	ng/ul	94
56) Dibenzofuran	14.822	168	2778920	20.048	ng/ul	99
57) 2,4-Dinitrotoluene	14.781	165	671573	22.070	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.057	232	562776	22.494	ng/ul	98
59) Diethylphthalate	15.251	149	2248549	20.049	ng/ul	100
61) Fluorene	15.481	166	2306788	19.970	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.475	204	1103547	19.518	ng/ul	99
63) 4-Nitroaniline	15.493	138	539447	22.337	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.551	198	361253	20.479	ng/ul	97
67) N-Nitrosodiphenylamine	15.693	169	1928509	20.159	ng/ul	99
68) 4-Bromophenyl-phenylether	16.393	248	705864	20.699	ng/ul	98
69) Hexachlorobenzene	16.504	284	831365	20.034	ng/ul	98
70) Atrazine	16.675	200	705408	19.991	ng/ul	98
71) Pentachlorophenol	16.863	266	538448	21.481	ng/ul	99
72) Phenanthrene	17.269	178	3589916	19.949	ng/ul	99
74) Anthracene	17.357	178	3664986	20.503	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.204	216	931263	20.153	ng/ul	99
76) Pentachlorobenzene	14.740	250	986002	20.087	ng/ul	99
77) Carbazole	17.634	167	3692138	23.516	ng/ul	99
78) Di-n-butylphthalate	18.234	149	4091165	22.899	ng/ul	99
80) Fluoranthene	19.351	202	4678833	21.044	ng/ul	100
82) Pyrene	19.728	202	5080638	21.039	ng/ul	97
83) Butylbenzylphthalate	20.686	149	1936411	22.235	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.580	252	1576053	23.239	ng/ul	99
85) Benzo(a)anthracene	21.663	228	5064661	20.789	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.622	149	2754560	21.209	ng/ul#	97
87) Chrysene	21.728	228	4704706	20.628	ng/ul	100
89) Di-n-octyl phthalate	22.933	149	4588713	21.509	ng/ul	100
90) Benzo(b)fluoranthene	24.010	252	5110305	20.214	ng/ul	99
91) Benzo(k)fluoranthene	24.086	252	5059199	19.413	ng/ul	99
93) Benzo(a)pyrene	24.927	252	4743684	19.937	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.968	276	6221573m	21.038	ng/ul	
95) Dibenzo(a,h)anthracene	29.057	278	5061376	21.068	ng/ul	98
96) Benzo(g,h,i)perylene	30.157	276	4760083m	20.924	ng/ul	

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

