

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040125\
 Data File : BP024209.D
 Acq On : 01 Apr 2025 13:55
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020672

Quant Time: Apr 01 14:21:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030425.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 01 12:35:32 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 04/02/2025
 Supervised By :Jagrut Upadhyay 04/02/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	327059	20.000	ng/u1	0.00
20) Naphthalene-d8	10.516	136	1630102	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.381	164	1165716	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.186	188	2575836	20.000	ng/u1	0.00
79) Chrysene-d12	21.633	240	3015538	20.000	ng/u1	0.00
88) Perylene-d12	25.015	264	3222555	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	66818	8.138	ng/uL	0.00
4) Pyridine-d5	3.664	84	528984	22.397	ng/u1	-0.01
7) Phenol-d5	6.910	99	671327	23.135	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.069	67	401107	25.100	ng/u1	0.00
11) 2-Chlorophenol-d4	7.275	132	515237	23.130	ng/u1	0.00
15) 4-Methylphenol-d8	8.440	113	564518	24.638	ng/u1	0.00
21) Nitrobenzene-d5	8.881	128	283615	21.547	ng/u1	0.00
24) 2-Nitrophenol-d4	9.598	143	291755	21.231	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.146	165	541526	21.916	ng/u1	0.00
31) 4-Chloroaniline-d4	10.651	131	871427	23.075	ng/u1	0.00
46) Dimethylphthalate-d6	13.781	166	1936001	22.919	ng/u1	0.00
49) Acenaphthylene-d8	14.069	160	2143064	21.873	ng/u1	0.00
54) 4-Nitrophenol-d4	14.598	143	391170	22.619	ng/u1	0.00
60) Fluorene-d10	15.386	176	1616545	22.524	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.522	200	338976	20.843	ng/u1	0.00
73) Anthracene-d10	17.286	188	2703384	21.506	ng/u1	0.00
81) Pyrene-d10	19.657	212	3364807	22.272	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.792	264	3735450	22.359	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	71615	8.271	ng/uL	96
5) Pyridine	3.687	79	538414	22.513	ng/u1	98
6) Benzaldehyde	6.881	77	425658	28.449	ng/u1	98
8) Phenol	6.940	94	714390	23.690	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.157	93	558592	24.348	ng/u1	98
12) 2-Chlorophenol	7.305	128	541657	23.315	ng/u1	96
13) 2-Methylphenol	8.175	108	525368	23.839	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.252	45	644063	26.769	ng/u1	98
16) Acetophenone	8.546	105	932449	26.293	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.534	70	469299	28.216	ng/u1	99
18) 4-Methylphenol	8.499	108	613407	25.118	ng/u1	96
19) Hexachloroethane	8.804	117	210659	22.742	ng/u1	90
22) Nitrobenzene	8.922	77	663540	22.418	ng/u1	96
23) Isophorone	9.451	82	1321458	23.835	ng/u1	99
25) 2-Nitrophenol	9.634	139	331666	21.794	ng/u1	97
26) 2,4-Dimethylphenol	9.698	107	620935	22.765	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.928	93	814047	23.080	ng/u1	98
29) 2,4-Dichlorophenol	10.169	162	553979	21.952	ng/u1	98
30) Naphthalene	10.569	128	1930248	21.869	ng/u1	100
32) 4-Chloroaniline	10.675	127	842128	23.375	ng/u1	99
33) Hexachlorobutadiene	10.857	225	305371	19.762	ng/u1	99
34) Caprolactam	11.463	113	236360	24.663	ng/u1	95
35) 4-Chloro-3-methylphenol	11.810	107	653602	24.893	ng/u1	97
36) 2-Methylnaphthalene	12.181	142	1389326	23.330	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.398	142	1397215	23.737	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.557	216	679704	19.294	ng/ul	99
40) Hexachlorocyclopentadiene	12.534	237	327135	17.868	ng/ul	97
41) 2,4,6-Trichlorophenol	12.798	196	456085	20.580	ng/ul	100
42) 2,4,5-Trichlorophenol	12.875	196	511365	21.198	ng/ul	97
43) 1,1'-Biphenyl	13.198	154	1834960	20.700	ng/ul	98
44) 2-Chloronaphthalene	13.245	162	1422014	20.680	ng/ul	99
45) 2-Nitroaniline	13.445	65	427936	23.922	ng/ul	92
47) Dimethylphthalate	13.834	163	1923087	22.758	ng/ul	100
48) 2,6-Dinitrotoluene	13.951	165	390565	23.567	ng/ul	98
50) Acenaphthylene	14.098	152	2327938	21.929	ng/ul	100
51) 3-Nitroaniline	14.286	138	442921	22.989	ng/ul	94
52) Acenaphthene	14.445	153	1624861	21.744	ng/ul	100
53) 2,4-Dinitrophenol	14.498	184	214879	20.799	ng/ul	98
55) 4-Nitrophenol	14.616	109	275180	22.954	ng/ul	96
56) Dibenzofuran	14.786	168	2266111	21.993	ng/ul	99
57) 2,4-Dinitrotoluene	14.751	165	614577	24.914	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.016	232	454848	22.927	ng/ul	99
59) Diethylphthalate	15.222	149	2022362	24.174	ng/ul	99
61) Fluorene	15.451	166	1913694	22.717	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.445	204	888231	21.827	ng/ul	97
63) 4-Nitroaniline	15.475	138	476773	25.148	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.533	198	375310	21.147	ng/ul	98
67) N-Nitrosodiphenylamine	15.657	169	1643882	20.932	ng/ul	100
68) 4-Bromophenyl-phenylether	16.357	248	582412	20.520	ng/ul	96
69) Hexachlorobenzene	16.480	284	706943	20.505	ng/ul	99
70) Atrazine	16.645	200	660322	23.224	ng/ul	99
71) Pentachlorophenol	16.833	266	463713	21.429	ng/ul	99
72) Phenanthrene	17.227	178	3151232	21.399	ng/ul	100
74) Anthracene	17.328	178	3205636	21.605	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.169	216	691421	17.825	ng/uL	99
76) Pentachlorobenzene	14.704	250	779690	19.223	ng/uL	99
77) Carbazole	17.604	167	3090401	22.940	ng/ul	99
78) Di-n-butylphthalate	18.198	149	3767809	24.012	ng/ul	100
80) Fluoranthene	19.316	202	3939865	22.368	ng/ul	98
82) Pyrene	19.692	202	4178686	22.016	ng/ul	97
83) Butylbenzylphthalate	20.645	149	1847599	24.141	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.539	252	1242713	20.603	ng/ul	100
85) Benzo(a)anthracene	21.616	228	4351750	22.056	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.551	149	2872867	25.014	ng/ul	100
87) Chrysene	21.686	228	4009893	21.638	ng/ul	100
89) Di-n-octyl phthalate	22.851	149	4657441	24.757	ng/ul	100
90) Benzo(b)fluoranthene	23.945	252	4436570	23.147	ng/ul	99
91) Benzo(k)fluoranthene	24.015	252	4385874	22.544	ng/ul	99
93) Benzo(a)pyrene	24.868	252	4062689	22.416	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.856	276	4874787	20.341	ng/ul	97
95) Dibenzo(a,h)anthracene	28.933	278	3988824	20.500	ng/ul	98
96) Benzo(g,h,i)perylene	30.039	276	3733248m	20.074	ng/ul	

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

