

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050124\
 Data File : BP020134.D
 Acq On : 01 May 2024 14:52
 Operator : MA/JU
 Sample : SSTD02009
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020632

Quant Time: May 01 16:41:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 01 16:39:56 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
 Supervised By :mohammad ahmed 05/03/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	94559	20.000	ng/u1	0.00
20) Naphthalene-d8	10.405	136	394839	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	280550	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.139	188	630053	20.000	ng/u1	0.00
79) Chrysene-d12	21.639	240	637602	20.000	ng/u1	0.00
88) Perylene-d12	25.016	264	700054	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	17462	7.898	ng/uL	0.00
4) Pyridine-d5	3.623	84	119504	18.420	ng/u1	0.00
7) Phenol-d5	6.811	99	153035	19.311	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	96640	19.285	ng/u1	0.00
11) 2-Chlorophenol-d4	7.164	132	113929	20.188	ng/u1	0.00
15) 4-Methylphenol-d8	8.334	113	127017	20.430	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	58965	19.715	ng/u1	0.00
24) 2-Nitrophenol-d4	9.505	143	67911	20.401	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.034	165	126141	20.232	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	174750	20.893	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	417893	20.704	ng/u1	0.00
49) Acenaphthylene-d8	13.993	160	452488	20.115	ng/u1	0.00
54) 4-Nitrophenol-d4	14.557	143	65581	20.107	ng/u1	0.00
60) Fluorene-d10	15.328	176	347974	20.230	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	78088	19.483	ng/u1	0.00
73) Anthracene-d10	17.245	188	550693	19.877	ng/u1	0.00
81) Pyrene-d10	19.651	212	684135	19.592	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.786	264	678195	19.926	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	19249	7.810	ng/uL	100
5) Pyridine	3.640	79	125388	18.880	ng/u1	100
6) Benzaldehyde	6.799	77	84353	19.765	ng/u1	100
8) Phenol	6.840	94	159575	19.389	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.075	93	127590	19.639	ng/u1	100
12) 2-Chlorophenol	7.199	128	118098	20.045	ng/u1	100
13) 2-Methylphenol	8.069	108	121292	20.095	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.146	45	164045	18.924	ng/u1	100
16) Acetophenone	8.458	105	212795	20.597	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.434	70	117705	20.961	ng/u1	100
18) 4-Methylphenol	8.399	108	131787	20.473	ng/u1	100
19) Hexachloroethane	8.675	117	54356	19.398	ng/u1	100
22) Nitrobenzene	8.834	77	173129	19.763	ng/u1	100
23) Isophorone	9.352	82	332959	20.781	ng/u1	100
25) 2-Nitrophenol	9.528	139	71073	20.324	ng/u1	100
26) 2,4-Dimethylphenol	9.593	107	155901	20.990	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.834	93	182270	19.988	ng/u1	100
29) 2,4-Dichlorophenol	10.063	162	123230	20.036	ng/u1	100
30) Naphthalene	10.452	128	407110	20.104	ng/u1	100
32) 4-Chloroaniline	10.587	127	171305	20.853	ng/u1	100
33) Hexachlorobutadiene	10.722	225	91024	18.196	ng/u1	100
34) Caprolactam	11.399	113	45638m	21.688	ng/u1	
35) 4-Chloro-3-methylphenol	11.722	107	156210	21.470	ng/u1	100
36) 2-Methylnaphthalene	12.081	142	282471	20.581	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.304	142	288900	20.812	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.451	216	168848	18.449	ng/ul	100
40) Hexachlorocyclopentadiene	12.410	237	77735	15.952	ng/ul	100
41) 2,4,6-Trichlorophenol	12.710	196	110266	19.472	ng/ul	100
42) 2,4,5-Trichlorophenol	12.793	196	118856	19.734	ng/ul	100
43) 1,1'-Biphenyl	13.122	154	393008	20.006	ng/ul	100
44) 2-Chloronaphthalene	13.157	162	310194	19.642	ng/ul	100
45) 2-Nitroaniline	13.399	65	111629	20.556	ng/ul	100
47) Dimethylphthalate	13.769	163	428173	20.877	ng/ul	100
48) 2,6-Dinitrotoluene	13.904	165	86464	20.953	ng/ul	100
50) Acenaphthylene	14.022	152	509844	20.144	ng/ul	100
51) 3-Nitroaniline	14.246	138	77664	20.300	ng/ul	100
52) Acenaphthene	14.381	153	340015	20.310	ng/ul	100
53) 2,4-Dinitrophenol	14.469	184	46257	17.994	ng/ul	100
55) 4-Nitrophenol	14.575	109	70344	20.420	ng/ul	100
56) Dibenzofuran	14.722	168	475836	20.318	ng/ul	100
57) 2,4-Dinitrotoluene	14.716	165	128491	21.257	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.957	232	111165	19.996	ng/ul	100
59) Diethylphthalate	15.169	149	434454	21.015	ng/ul	100
61) Fluorene	15.387	166	397005	20.302	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.387	204	210427	19.799	ng/ul	100
63) 4-Nitroaniline	15.445	138	70714	20.794	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.498	198	80564	19.283	ng/ul	100
67) N-Nitrosodiphenylamine	15.622	169	339701	20.359	ng/ul	100
68) 4-Bromophenyl-phenylether	16.316	248	131296	19.213	ng/ul	100
69) Hexachlorobenzene	16.416	284	154510	22.437	ng/ul	100
70) Atrazine	16.616	200	122630	19.143	ng/ul	100
71) Pentachlorophenol	16.787	266	95661	19.545	ng/ul	100
72) Phenanthrene	17.187	178	648169	20.276	ng/ul	100
74) Anthracene	17.281	178	661463	20.072	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.075	216	172732	18.689	ng/ul	100
76) Pentachlorobenzene	14.628	250	176226	19.296	ng/ul	100
77) Carbazole	17.575	167	597452	20.587	ng/ul	100
78) Di-n-butylphthalate	18.175	149	738071	20.608	ng/ul	100
80) Fluoranthene	19.298	202	793629	19.571	ng/ul	100
82) Pyrene	19.681	202	830865	19.541	ng/ul	100
83) Butylbenzylphthalate	20.657	149	338706	20.253	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.557	252	271525	19.181	ng/ul	100
85) Benzo(a)anthracene	21.616	228	867296	19.893	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.563	149	500039	20.485	ng/ul	100
87) Chrysene	21.686	228	805975	19.867	ng/ul	100
89) Di-n-octyl phthalate	22.863	149	853192	20.443	ng/ul	100
90) Benzo(b)fluoranthene	23.951	252	833090	20.050	ng/ul	100
91) Benzo(k)fluoranthene	24.021	252	845763	20.271	ng/ul	100
93) Benzo(a)pyrene	24.851	252	790547	19.883	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.839	276	884483m	18.526	ng/ul	
95) Dibenzo(a,h)anthracene	28.927	278	725386m	18.452	ng/ul	
96) Benzo(g,h,i)perylene	30.027	276	698266	18.221	ng/ul	100

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

