

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040624\
 Data File : BM044999.D
 Acq On : 07 Apr 2024 09:24
 Operator : MA/JU
 Sample : PB160051BS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS051

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/09/2024
 Supervised By :mohammad ahmed 04/09/2024

Quant Time: Apr 08 05:58:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Apr 08 05:51:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	79701	20.000	ng/u1	0.00
20) Naphthalene-d8	10.404	136	364707	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.280	164	231871	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.039	188	484579	20.000	ng/u1	0.00
79) Chrysene-d12	21.244	240	479440	20.000	ng/u1	0.00
88) Perylene-d12	23.468	264	556938	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.210	96	9636	4.515	ng/uL	0.00
4) Pyridine-d5	3.610	84	87509	15.077	ng/u1	0.00
7) Phenol-d5	6.816	99	107900	15.969	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	63223	15.705	ng/u1	0.00
11) 2-Chlorophenol-d4	7.163	132	88411	16.702	ng/u1	0.00
15) 4-Methylphenol-d8	8.339	113	83272	15.745	ng/u1	0.00
21) Nitrobenzene-d5	8.792	128	42444	15.151	ng/u1	0.00
24) 2-Nitrophenol-d4	9.504	143	45840	15.503	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.033	165	91361	16.852	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	121640	14.093	ng/u1	0.00
46) Dimethylphthalate-d6	13.704	166	239597	14.841	ng/u1	0.00
49) Acenaphthylene-d8	13.969	160	291221	15.269	ng/u1	0.00
54) 4-Nitrophenol-d4	14.510	143	46144	13.695	ng/u1	0.00
60) Fluorene-d10	15.280	176	218404	15.174	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.421	200	38271	13.320	ng/u1	0.00
73) Anthracene-d10	17.139	188	333018	15.277	ng/u1	0.00
81) Pyrene-d10	19.445	212	389214	16.487	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.327	264	424603	15.628	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	21463	9.629	ng/uL#	79
5) Pyridine	3.622	79	173575	28.224	ng/u1	98
6) Benzaldehyde	6.798	77	115439	36.856	ng/u1	97
8) Phenol	6.840	94	222883	31.855	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.075	93	161816	29.633	ng/u1	97
12) 2-Chlorophenol	7.198	128	180368	32.472	ng/u1	97
13) 2-Methylphenol	8.075	108	159777	30.937	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.157	45	196751	30.209	ng/u1	98
16) Acetophenone	8.457	105	258382	30.050	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.439	70	129946	32.008	ng/u1#	94
18) 4-Methylphenol	8.404	108	175705	31.564	ng/u1	96
19) Hexachloroethane	8.681	117	75879	31.060	ng/u1	97
22) Nitrobenzene	8.834	77	197704	28.765	ng/u1	96
23) Isophorone	9.357	82	357600	28.318	ng/u1	98
25) 2-Nitrophenol	9.534	139	99811	30.413	ng/u1	91
26) 2,4-Dimethylphenol	9.598	107	165174	26.105	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.839	93	215684	28.811	ng/u1	98
29) 2,4-Dichlorophenol	10.063	162	171907	31.386	ng/u1	97
30) Naphthalene	10.451	128	550282	28.502	ng/u1	99
32) 4-Chloroaniline	10.586	127	223030	26.555	ng/u1	98
33) Hexachlorobutadiene	10.722	225	97429	28.609	ng/u1	94
34) Caprolactam	11.386	113	53146m	28.741	ng/u1	
35) 4-Chloro-3-methylphenol	11.716	107	175157	32.169	ng/u1	99
36) 2-Methylnaphthalene	12.075	142	373393	29.621	ng/u1	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040624\
 Data File : BM044999.D
 Acq On : 07 Apr 2024 09:24
 Operator : MA/JU
 Sample : PB160051BS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS051

Quant Time: Apr 08 05:58:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Apr 08 05:51:38 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/09/2024
 Supervised By :mohammad ahmed 04/09/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.298	142	377186	29.568	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.445	216	190681	30.070	ng/ul	97
40) Hexachlorocyclopentadiene	12.410	237	79892	20.812	ng/ul	98
41) 2,4,6-Trichlorophenol	12.698	196	132573	32.049	ng/ul	96
42) 2,4,5-Trichlorophenol	12.774	196	145685	31.964	ng/ul	97
43) 1,1'-Biphenyl	13.104	154	481749	29.422	ng/ul	99
44) 2-Chloronaphthalene	13.145	162	389857	29.307	ng/ul	99
45) 2-Nitroaniline	13.374	65	116355	31.687	ng/ul	97
47) Dimethylphthalate	13.751	163	469116	27.800	ng/ul	100
48) 2,6-Dinitrotoluene	13.880	165	99144	29.976	ng/ul	94
50) Acenaphthylene	13.998	152	636995	28.596	ng/ul	99
51) 3-Nitroaniline	14.216	138	107658	29.840	ng/ul	96
52) Acenaphthene	14.345	153	418945	28.185	ng/ul	100
53) 2,4-Dinitrophenol	14.427	184	47675	24.245	ng/ul	92
55) 4-Nitrophenol	14.527	109	80113	27.036	ng/ul	88
56) Dibenzofuran	14.680	168	587300	28.874	ng/ul	97
57) 2,4-Dinitrotoluene	14.674	165	150423	30.383	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.910	232	121277	31.090	ng/ul	99
59) Diethylphthalate	15.121	149	493680	28.676	ng/ul	98
61) Fluorene	15.339	166	491466	28.668	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.339	204	232278	28.907	ng/ul	99
63) 4-Nitroaniline	15.386	138	99883	30.451	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.439	198	78674	25.569	ng/ul	92
67) N-Nitrosodiphenylamine	15.557	169	405482	31.019	ng/ul	99
68) 4-Bromophenyl-phenylether	16.233	248	141668	30.018	ng/ul	96
69) Hexachlorobenzene	16.333	284	182320	29.698	ng/ul	98
70) Atrazine	16.527	200	139984	29.112	ng/ul	99
71) Pentachlorophenol	16.686	266	108234	29.023	ng/ul	96
72) Phenanthrene	17.080	178	759470	29.124	ng/ul	98
74) Anthracene	17.174	178	761611	28.552	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.063	216	188617	30.882	ng/uL	99
76) Pentachlorobenzene	14.592	250	199521	30.704	ng/uL	99
77) Carbazole	17.457	167	726389	28.241	ng/ul	99
78) Di-n-butylphthalate	18.021	149	901145	31.067	ng/ul	99
80) Fluoranthene	19.109	202	893261	32.081	ng/ul	99
82) Pyrene	19.474	202	958016	31.884	ng/ul	99
83) Butylbenzylphthalate	20.398	149	419757	33.343	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.174	252	311861	29.254	ng/ul	96
85) Benzo(a)anthracene	21.233	228	968900	29.784	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.174	149	671597	34.129	ng/ul	99
87) Chrysene	21.286	228	900788	29.703	ng/ul	100
89) Di-n-octyl phthalate	22.056	149	1148027	32.762	ng/ul	100
90) Benzo(b)fluoranthene	22.803	252	1040387	32.051	ng/ul	100
91) Benzo(k)fluoranthene	22.850	252	978216	29.940	ng/ul	99
93) Benzo(a)pyrene	23.374	252	852889	26.997	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.709	276	1240641	30.317	ng/ul	98
95) Dibenzo(a,h)anthracene	25.721	278	1019748	29.805	ng/ul	98
96) Benzo(g,h,i)perylene	26.385	276	924022	28.622	ng/ul	97

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

