

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111124\
 Data File : BM048585.D
 Acq On : 11 Nov 2024 15:05
 Operator : RC/JU
 Sample : P4686-03MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GCP52MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/12/2024
 Supervised By :mohammad ahmed 11/13/2024

Quant Time: Nov 11 16:14:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 07 22:50:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	127520	20.000	ng/u1	0.00
20) Naphthalene-d8	10.445	136	530741	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.310	164	333447	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.057	188	661761	20.000	ng/u1	0.00
79) Chrysene-d12	21.280	240	609076	20.000	ng/u1	0.00
88) Perylene-d12	24.186	264	696541	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	14588	4.560	ng/uL	0.00
4) Pyridine-d5	3.540	84	189083	21.449	ng/u1	0.00
7) Phenol-d5	6.840	99	285266	29.387	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	160739	27.568	ng/u1	0.00
11) 2-Chlorophenol-d4	7.193	132	240351	29.890	ng/u1	0.00
15) 4-Methylphenol-d8	8.375	113	224301	29.386	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	117604	30.572	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	129494	31.649	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.075	165	248629	32.710	ng/u1	0.00
31) 4-Chloroaniline-d4	10.593	131	303534	28.114	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	692095	32.515	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	816501	32.535	ng/u1	0.00
54) 4-Nitrophenol-d4	14.533	143	121258	30.671	ng/u1	0.00
60) Fluorene-d10	15.304	176	604768	32.549	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	114360	34.352	ng/u1	0.00
73) Anthracene-d10	17.151	188	917396	32.760	ng/u1	0.00
81) Pyrene-d10	19.451	212	1098786	35.947	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.992	264	1111970	34.167	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.158	88	52465	14.945	ng/uL	93
5) Pyridine	3.558	79	352461	38.949	ng/u1	94
6) Benzaldehyde	6.805	77	26042	5.429	ng/u1	97
8) Phenol	6.869	94	457639	44.933	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.087	93	335725	41.945	ng/u1	97
12) 2-Chlorophenol	7.228	128	367962	44.170	ng/u1	97
13) 2-Methylphenol	8.110	108	331404	43.956	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.181	45	483359	41.065	ng/u1	97
16) Acetophenone	8.481	105	512409	43.067	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.469	70	246129	44.019	ng/u1	98
18) 4-Methylphenol	8.440	108	364693	44.177	ng/u1	99
19) Hexachloroethane	8.728	117	150251	42.680	ng/u1	97
22) Nitrobenzene	8.857	77	369129	42.321	ng/u1	96
23) Isophorone	9.387	82	705437	43.725	ng/u1	99
25) 2-Nitrophenol	9.569	139	206855	46.390	ng/u1	98
26) 2,4-Dimethylphenol	9.634	107	352040	42.267	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.863	93	442105	43.901	ng/u1	99
29) 2,4-Dichlorophenol	10.104	162	347216	45.034	ng/u1	97
30) Naphthalene	10.493	128	1148776	42.764	ng/u1	99
32) 4-Chloroaniline	10.616	127	291761	28.660	ng/u1	100
33) Hexachlorobutadiene	10.781	225	226656	43.441	ng/u1	98
34) Caprolactam	11.398	113	113716m	46.796	ng/u1	
35) 4-Chloro-3-methylphenol	11.751	107	346359	46.425	ng/u1	97
36) 2-Methylnaphthalene	12.116	142	774284	45.047	ng/u1	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111124\
 Data File : BM048585.D
 Acq On : 11 Nov 2024 15:05
 Operator : RC/JU
 Sample : P4686-03MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GCP52MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/12/2024
 Supervised By :mohammad ahmed 11/13/2024

Quant Time: Nov 11 16:14:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 07 22:50:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.334	142	761854	43.190	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.492	216	408126	42.712	ng/ul	100
40) Hexachlorocyclopentadiene	12.463	237	185925	38.067	ng/ul	99
41) 2,4,6-Trichlorophenol	12.739	196	275322	45.616	ng/ul	100
42) 2,4,5-Trichlorophenol	12.816	196	299723	46.631	ng/ul	99
43) 1,1'-Biphenyl	13.139	154	971011	42.588	ng/ul	99
44) 2-Chloronaphthalene	13.181	162	777365	43.207	ng/ul	99
45) 2-Nitroaniline	13.392	65	212225	46.972	ng/ul	95
47) Dimethylphthalate	13.769	163	925541	43.287	ng/ul	98
48) 2,6-Dinitrotoluene	13.892	165	194283	47.664	ng/ul	96
50) Acenaphthylene	14.028	152	1199396	43.358	ng/ul	100
51) 3-Nitroaniline	14.228	138	204574	46.216	ng/ul	95
52) Acenaphthene	14.375	153	836330	42.945	ng/ul	99
53) 2,4-Dinitrophenol	14.439	184	107161	48.896	ng/ul	92
55) 4-Nitrophenol	14.551	109	124364	43.511	ng/ul	94
56) Dibenzofuran	14.710	168	1153621	42.941	ng/ul	99
57) 2,4-Dinitrotoluene	14.686	165	283324	47.819	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.939	232	262494	49.095	ng/ul	99
59) Diethylphthalate	15.139	149	935760	44.420	ng/ul	100
61) Fluorene	15.363	166	913786	42.961	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.357	204	448471	42.797	ng/ul	99
63) 4-Nitroaniline	15.392	138	213544	48.992	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.451	198	172603	47.644	ng/ul#	97
67) N-Nitrosodiphenylamine	15.575	169	774717	44.418	ng/ul	98
68) 4-Bromophenyl-phenylether	16.251	248	278392	44.607	ng/ul	99
69) Hexachlorobenzene	16.363	284	328391	43.598	ng/ul	98
70) Atrazine	16.527	200	278509	43.874	ng/ul	99
71) Pentachlorophenol	16.716	266	1241306	259.297	ng/ul	98
72) Phenanthrene	17.098	178	1415400	43.126	ng/ul	99
74) Anthracene	17.186	178	1412624	42.887	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.104	216	403829	42.777	ng/uL	99
76) Pentachlorobenzene	14.633	250	389325	42.328	ng/uL	99
77) Carbazole	17.463	167	1344844	45.329	ng/ul	99
78) Di-n-butylphthalate	18.027	149	1663296	47.685	ng/ul	99
80) Fluoranthene	19.116	202	1670088	47.089	ng/ul	99
82) Pyrene	19.480	202	1778876	46.256	ng/ul	98
83) Butylbenzylphthalate	20.380	149	776254	52.548	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.192	252	335690	30.334	ng/ul	100
85) Benzo(a)anthracene	21.262	228	1722289	44.857	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.186	149	1097844	50.944	ng/ul	99
87) Chrysene	21.321	228	1622752	43.982	ng/ul	99
89) Di-n-octyl phthalate	22.286	149	1920700	48.915	ng/ul	100
90) Benzo(b)fluoranthene	23.274	252	1743345	45.466	ng/ul	99
91) Benzo(k)fluoranthene	23.333	252	1722420	45.054	ng/ul	100
93) Benzo(a)pyrene	24.056	252	1611696	44.707	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.462	276	2079650	44.390	ng/ul	99
95) Dibenzo(a,h)anthracene	27.515	278	1694414	44.280	ng/ul	100
96) Benzo(g,h,i)perylene	28.480	276	1620782	44.122	ng/ul	99

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

