

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111124\
 Data File : BM048584.D
 Acq On : 11 Nov 2024 14:26
 Operator : RC/JU
 Sample : P4686-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GCP52MS

Manual Integrations
 APPROVED

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

Quant Time: Nov 11 15:14:32 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)	Qvalue
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.657	152	133108	20.000	ng/u1	0.00	
20) Naphthalene-d8	10.445	136	547730	20.000	ng/u1	0.00	
38) Acenaphthene-d10	14.310	164	341231	20.000	ng/u1	0.00	
64) Phenanthrene-d10	17.056	188	687157	20.000	ng/u1	0.00	
79) Chrysene-d12	21.280	240	627721	20.000	ng/u1	0.00	
88) Perylene-d12	24.191	264	719018	20.000	ng/u1	0.00	
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.128	96	15653	4.688	ng/uL	0.00	
4) Pyridine-d5	3.540	84	198638	21.587	ng/u1	0.00	
7) Phenol-d5	6.839	99	299045	29.513	ng/u1	0.00	
9) Bis-(2-Chloroethyl)eth...	6.998	67	172250	28.302	ng/u1	0.00	
11) 2-Chlorophenol-d4	7.192	132	248160	29.566	ng/u1	0.00	
15) 4-Methylphenol-d8	8.381	113	234797	29.470	ng/u1	0.00	
21) Nitrobenzene-d5	8.816	128	122548	30.869	ng/u1	0.00	
24) 2-Nitrophenol-d4	9.539	143	136254	32.268	ng/u1	0.00	
28) 2,4-Dichlorophenol-d3	10.075	165	253716	32.344	ng/u1	0.00	
31) 4-Chloroaniline-d4	10.592	131	313095	28.100	ng/u1	0.00	
46) Dimethylphthalate-d6	13.721	166	714716	32.812	ng/u1	0.00	
49) Acenaphthylene-d8	13.998	160	838228	32.639	ng/u1	0.00	
54) 4-Nitrophenol-d4	14.533	143	125635	31.054	ng/u1	0.00	
60) Fluorene-d10	15.304	176	622739	32.752	ng/u1	0.00	
65) 4,6-Dinitro-2-methylph...	15.439	200	115647	33.455	ng/u1	0.00	
73) Anthracene-d10	17.156	188	944230	32.472	ng/u1	0.00	
81) Pyrene-d10	19.450	212	1126551	35.761	ng/u1	0.00	
92) Benzo(a)pyrene-d12	23.991	264	1147501	34.157	ng/u1	0.00	
Target Compounds							
2) 1,4-Dioxane	3.157	88	55178	15.058	ng/uL	96	
5) Pyridine	3.557	79	376242	39.831	ng/u1	94	
6) Benzaldehyde	6.810	77	27241	5.440	ng/u1	96	
8) Phenol	6.869	94	479855	45.137	ng/u1	99	
10) Bis(2-Chloroethyl)ether	7.087	93	354284	42.405	ng/u1	99	
12) 2-Chlorophenol	7.228	128	384190	44.182	ng/u1	99	
13) 2-Methylphenol	8.110	108	348299	44.258	ng/u1	99	
14) 2,2'-oxybis(1-Chloropr...	8.181	45	506942	41.261	ng/u1	98	
16) Acetophenone	8.486	105	529609	42.644	ng/u1	98	
17) N-Nitroso-di-n-propyla...	8.469	70	256790	43.997	ng/u1	98	
18) 4-Methylphenol	8.439	108	381113	44.228	ng/u1	99	
19) Hexachloroethane	8.728	117	156498	42.588	ng/u1	97	
22) Nitrobenzene	8.857	77	392396	43.593	ng/u1	96	
23) Isophorone	9.386	82	730630	43.882	ng/u1	98	
25) 2-Nitrophenol	9.569	139	211987	46.066	ng/u1	97	
26) 2,4-Dimethylphenol	9.633	107	367981	42.811	ng/u1	98	
27) Bis(2-Chloroethoxy)met...	9.869	93	462729	44.524	ng/u1	99	
29) 2,4-Dichlorophenol	10.104	162	361697	45.457	ng/u1	97	
30) Naphthalene	10.498	128	1182117	42.640	ng/u1	99	
32) 4-Chloroaniline	10.616	127	289912	27.595	ng/u1	99	
33) Hexachlorobutadiene	10.780	225	233574	43.378	ng/u1	98	
34) Caprolactam	11.398	113	115998m	46.255	ng/u1		
35) 4-Chloro-3-methylphenol	11.751	107	355823	46.214	ng/u1	99	
36) 2-Methylnaphthalene	12.116	142	788808	44.468	ng/u1	98	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.333	142	779982	42.846	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.492	216	418577	42.807	ng/ul	100
40) Hexachlorocyclopentadiene	12.463	237	186401	37.294	ng/ul	99
41) 2,4,6-Trichlorophenol	12.739	196	283054	45.827	ng/ul	99
42) 2,4,5-Trichlorophenol	12.816	196	301676	45.864	ng/ul	99
43) 1,1'-Biphenyl	13.139	154	1001893	42.940	ng/ul	100
44) 2-Chloronaphthalene	13.180	162	800465	43.476	ng/ul	100
45) 2-Nitroaniline	13.392	65	219782	47.535	ng/ul	96
47) Dimethylphthalate	13.768	163	951191	43.472	ng/ul	99
48) 2,6-Dinitrotoluene	13.892	165	199826	47.906	ng/ul	96
50) Acenaphthylene	14.027	152	1238576	43.753	ng/ul	100
51) 3-Nitroaniline	14.227	138	208047	45.928	ng/ul	94
52) Acenaphthene	14.374	153	852973	42.800	ng/ul	99
53) 2,4-Dinitrophenol	14.439	184	109686	48.906	ng/ul	90
55) 4-Nitrophenol	14.545	109	130555	44.635	ng/ul	97
56) Dibenzofuran	14.710	168	1173899	42.699	ng/ul	99
57) 2,4-Dinitrotoluene	14.686	165	290869	47.973	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.939	232	266271	48.666	ng/ul	98
59) Diethylphthalate	15.139	149	962831	44.663	ng/ul	99
61) Fluorene	15.362	166	929164	42.688	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.357	204	457138	42.629	ng/ul	99
63) 4-Nitroaniline	15.392	138	221363	49.627	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.451	198	174311	46.337	ng/ul#	96
67) N-Nitrosodiphenylamine	15.574	169	789163	43.574	ng/ul	99
68) 4-Bromophenyl-phenylether	16.251	248	286239	44.169	ng/ul	99
69) Hexachlorobenzene	16.362	284	337251	43.119	ng/ul	98
70) Atrazine	16.527	200	286474	43.461	ng/ul	98
71) Pentachlorophenol	16.715	266	1254047	252.277	ng/ul	98
72) Phenanthrene	17.098	178	1460935	42.868	ng/ul	99
74) Anthracene	17.192	178	1452350	42.463	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.104	216	410875	41.915	ng/uL	99
76) Pentachlorobenzene	14.633	250	397745	41.645	ng/uL	99
77) Carbazole	17.462	167	1379591	44.782	ng/ul	99
78) Di-n-butylphthalate	18.027	149	1707349	47.139	ng/ul	99
80) Fluoranthene	19.115	202	1712457	46.849	ng/ul	99
82) Pyrene	19.480	202	1829769	46.166	ng/ul	99
83) Butylbenzylphthalate	20.380	149	802139	52.688	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.191	252	338596	29.688	ng/ul	98
85) Benzo(a)anthracene	21.262	228	1759646	44.469	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.186	149	1127760	50.778	ng/ul	98
87) Chrysene	21.321	228	1666692	43.832	ng/ul	99
89) Di-n-octyl phthalate	22.286	149	1974949	48.724	ng/ul	100
90) Benzo(b)fluoranthene	23.274	252	1788774	45.193	ng/ul	99
91) Benzo(k)fluoranthene	23.333	252	1777481	45.041	ng/ul	100
93) Benzo(a)pyrene	24.056	252	1657808	44.549	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.468	276	2133889	44.124	ng/ul	98
95) Dibenzo(a,h)anthracene	27.515	278	1741612	44.090	ng/ul	99
96) Benzo(g,h,i)perylene	28.485	276	1660268	43.784	ng/ul	100

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

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