

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
 Data File : BM047044.D
 Acq On : 07 Aug 2024 06:02
 Operator : RC/JU
 Sample : P3328-22MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

E20N1MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/08/2024

Supervised By :mohammad ahmed 08/30/2024

Quant Time: Aug 07 08:41:33 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Aug 07 04:48:25 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.398	152	377672	20.000	ng/u1	0.00
20) Naphthalene-d8	10.151	136	1463241	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.051	164	904756	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.815	188	1846505	20.000	ng/u1	0.00
79) Chrysene-d12	21.050	240	1461703	20.000	ng/u1	0.00
88) Perylene-d12	23.756	264	1650725	20.000	ng/u1	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.016	96	35276	3.700	ng/uL	0.00
4) Pyridine-d5	3.404	84	465428	17.899	ng/u1	0.00
7) Phenol-d5	6.604	99	740085	25.796	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.757	67	463213	24.538	ng/u1	0.00
11) 2-Chlorophenol-d4	6.939	132	602078	24.774	ng/u1	0.00
15) 4-Methylphenol-d8	8.122	113	581904	25.603	ng/u1	0.00
21) Nitrobenzene-d5	8.545	128	310754	26.466	ng/u1	0.00
24) 2-Nitrophenol-d4	9.257	143	354993	27.685	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.792	165	659659	26.795	ng/u1	0.00
31) 4-Chloroaniline-d4	10.304	131	804898	24.877	ng/u1	0.00
46) Dimethylphthalate-d6	13.480	166	1811518	26.186	ng/u1	0.00
49) Acenaphthylene-d8	13.739	160	2086704	27.023	ng/u1	0.00
54) 4-Nitrophenol-d4	14.298	143	337665	25.245	ng/u1	0.00
60) Fluorene-d10	15.057	176	1507297	25.471	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.204	200	278140	23.842	ng/u1	0.00
73) Anthracene-d10	16.909	188	2256708	25.780	ng/u1	0.00
81) Pyrene-d10	19.227	212	2551077	30.488	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.574	264	2427186	27.924	ng/u1	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.051	88	92461	8.716	ng/uL 99
5) Pyridine	3.422	79	644662	25.042	ng/u1 94
6) Benzaldehyde	6.557	77	520062	31.559	ng/u1 98
8) Phenol	6.634	94	882843	30.556	ng/u1 90
10) Bis(2-Chloroethyl)ether	6.845	93	724168	29.406	ng/u1 97
12) 2-Chlorophenol	6.969	128	716674	29.108	ng/u1 99
13) 2-Methylphenol	7.857	108	662395	30.096	ng/u1 95
14) 2,2'-oxybis(1-Chloropr...	7.922	45	938302	31.796	ng/u1 99
16) Acetophenone	8.216	105	1039353	29.055	ng/u1 97
17) N-Nitroso-di-n-propyla...	8.210	70	552923	29.311	ng/u1 96
18) 4-Methylphenol	8.181	108	726283	30.541	ng/u1 95
19) Hexachloroethane	8.451	117	316456	26.386	ng/u1 90
22) Nitrobenzene	8.586	77	877073	27.959	ng/u1 93
23) Isophorone	9.116	82	1608211	29.961	ng/u1 98
25) 2-Nitrophenol	9.286	139	439020	31.298	ng/u1# 91
26) 2,4-Dimethylphenol	9.369	107	614984	22.243	ng/u1 97
27) Bis(2-Chloroethoxy)met...	9.598	93	993470	30.023	ng/u1 100
29) 2,4-Dichlorophenol	9.816	162	746953	30.421	ng/u1 98
30) Naphthalene	10.204	128	2232754	28.820	ng/u1 100
32) 4-Chloroaniline	10.328	127	871391	27.734	ng/u1 100
33) Hexachlorobutadiene	10.492	225	468276	26.435	ng/u1 100
34) Caprolactam	11.122	113	240894m	32.398	ng/u1
35) 4-Chloro-3-methylphenol	11.474	107	752133	29.707	ng/u1 96
36) 2-Methylnaphthalene	11.827	142	1586861	29.334	ng/u1 99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.051	142	1578712	28.829	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.210	216	871862	30.727	ng/ul	98
40) Hexachlorocyclopentadiene	12.186	237	376521	20.144	ng/ul	96
41) 2,4,6-Trichlorophenol	12.469	196	616321	33.185	ng/ul	97
42) 2,4,5-Trichlorophenol	12.545	196	660056	32.916	ng/ul	99
43) 1,1'-Biphenyl	12.874	154	2077089	30.686	ng/ul	97
44) 2-Chloronaphthalene	12.910	162	1627863	30.285	ng/ul	99
45) 2-Nitroaniline	13.133	65	518970	31.771	ng/ul	93
47) Dimethylphthalate	13.533	163	2072892	29.862	ng/ul	100
48) 2,6-Dinitrotoluene	13.645	165	453078	33.575	ng/ul#	85
50) Acenaphthylene	13.768	152	2518896	30.887	ng/ul	99
51) 3-Nitroaniline	13.974	138	478267	34.801	ng/ul	95
52) Acenaphthene	14.116	153	1723031	29.306	ng/ul	99
53) 2,4-Dinitrophenol	14.192	184	267734	28.119	ng/ul#	86
55) 4-Nitrophenol	14.315	109	327631	24.202	ng/ul#	82
56) Dibenzofuran	14.457	168	2390560	28.971	ng/ul	93
57) 2,4-Dinitrotoluene	14.445	165	637081	30.893	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.698	232	537012	30.124	ng/ul#	90
59) Diethylphthalate	14.915	149	2070801	27.731	ng/ul	97
61) Fluorene	15.115	166	1947701	28.618	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.121	204	940996	28.086	ng/ul	92
63) 4-Nitroaniline	15.151	138	472610m	34.799	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.215	198	374305	29.322	ng/ul	90
67) N-Nitrosodiphenylamine	15.339	169	1673948	30.585	ng/ul	99
68) 4-Bromophenyl-phenylether	16.015	248	614254	30.734	ng/ul	90
69) Hexachlorobenzene	16.121	284	715134	30.387	ng/ul	96
70) Atrazine	16.309	200	595719	27.742	ng/ul	99
71) Pentachlorophenol	16.474	266	476215	29.888	ng/ul	98
72) Phenanthrene	16.857	178	3079444	29.751	ng/ul	100
74) Anthracene	16.945	178	2998391	28.724	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.833	216	868519	32.691	ng/uL	96
76) Pentachlorobenzene	14.380	250	807415	29.360	ng/uL	99
77) Carbazole	17.227	167	2899629	29.964	ng/ul	99
78) Di-n-butylphthalate	17.809	149	3574230	29.045	ng/ul	98
80) Fluoranthene	18.886	202	3540606	35.406	ng/ul	99
82) Pyrene	19.256	202	3629403	34.062	ng/ul	99
83) Butylbenzylphthalate	20.192	149	1632907	35.062	ng/ul	98
84) 3,3'-Dichlorobenzidine	20.968	252	1068736	29.825	ng/ul	97
85) Benzo(a)anthracene	21.033	228	3339920	31.286	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	20.992	149	2248233	33.068	ng/ul	98
87) Chrysene	21.092	228	3059086	30.045	ng/ul	100
89) Di-n-octyl phthalate	22.027	149	3937469	33.811	ng/ul	100
90) Benzo(b)fluoranthene	22.909	252	3280055	32.123	ng/ul	99
91) Benzo(k)fluoranthene	22.968	252	3190479	31.619	ng/ul	99
93) Benzo(a)pyrene	23.633	252	2868674	30.156	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.768	276	3781125	31.023	ng/ul	99
95) Dibenzo(a,h)anthracene	26.826	278	2998365	30.628	ng/ul	99
96) Benzo(g,h,i)perylene	27.709	276	2990967	31.060	ng/ul	98

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

