

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
 Data File : BM048032.D
 Acq On : 14 Oct 2024 17:34
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTD020179

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/15/2024

Supervised By :mohammad ahmed 10/17/2024

Quant Time: Oct 14 18:15:00 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Oct 10 05:10:14 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	177255	20.000	ng/u1	0.00
20) Naphthalene-d8	10.575	136	724440	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.422	164	457315	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.163	188	967234	20.000	ng/u1	0.00
79) Chrysene-d12	21.386	240	971572	20.000	ng/u1	0.00
88) Perylene-d12	24.380	264	1176418	20.000	ng/u1	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.234	96	36710	6.693	ng/uL	0.00
4) Pyridine-d5	3.652	84	256718	15.985	ng/u1	0.00
7) Phenol-d5	6.957	99	299407	17.863	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	170526	14.337	ng/u1	0.00
11) 2-Chlorophenol-d4	7.316	132	254837	20.897	ng/u1	0.00
15) 4-Methylphenol-d8	8.492	113	234067	18.783	ng/u1	0.00
21) Nitrobenzene-d5	8.940	128	118760	20.589	ng/u1	0.00
24) 2-Nitrophenol-d4	9.657	143	130187	23.553	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	238744	21.622	ng/u1	0.00
31) 4-Chloroaniline-d4	10.710	131	317423	18.594	ng/u1	0.00
46) Dimethylphthalate-d6	13.827	166	627867	18.937	ng/u1	0.00
49) Acenaphthylene-d8	14.110	160	771259	19.619	ng/u1	0.00
54) 4-Nitrophenol-d4	14.627	143	125193	18.965	ng/u1	0.00
60) Fluorene-d10	15.410	176	565662	19.697	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	89148	15.750	ng/u1	0.00
73) Anthracene-d10	17.257	188	913005	19.197	ng/u1	0.00
81) Pyrene-d10	19.551	212	1095850	19.873	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.174	264	1183354	19.387	ng/u1	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.275	88	40510	6.762	ng/uL# 88
5) Pyridine	3.675	79	266721	15.775	ng/u1 85
6) Benzaldehyde	6.922	77	169646	18.611	ng/u1 89
8) Phenol	6.981	94	305185	17.112	ng/u1# 89
10) Bis(2-Chloroethyl)ether	7.204	93	236911	16.671	ng/u1 88
12) 2-Chlorophenol	7.351	128	255202	19.754	ng/u1# 90
13) 2-Methylphenol	8.228	108	232743	18.716	ng/u1 98
14) 2,2'-oxybis(1-Chloropr...	8.304	45	341045	12.748	ng/u1# 93
16) Acetophenone	8.604	105	355416	16.668	ng/u1# 89
17) N-Nitroso-di-n-propyla...	8.587	70	174220	15.426	ng/u1# 84
18) 4-Methylphenol	8.557	108	249522	17.855	ng/u1 98
19) Hexachloroethane	8.863	117	100893	17.375	ng/u1# 80
22) Nitrobenzene	8.981	77	265828	16.224	ng/u1# 88
23) Isophorone	9.510	82	503924	17.193	ng/u1# 93
25) 2-Nitrophenol	9.692	139	134791	21.316	ng/u1# 85
26) 2,4-Dimethylphenol	9.757	107	250593	18.494	ng/u1 92
27) Bis(2-Chloroethoxy)met...	9.986	93	304805	17.002	ng/u1 97
29) 2,4-Dichlorophenol	10.228	162	233509	20.480	ng/u1 97
30) Naphthalene	10.622	128	798292	19.157	ng/u1 99
32) 4-Chloroaniline	10.733	127	304249	18.100	ng/u1 100
33) Hexachlorobutadiene	10.916	225	150020	19.914	ng/u1 98
34) Caprolactam	11.510	113	74451m	20.417	ng/u1
35) 4-Chloro-3-methylphenol	11.869	107	236608	20.047	ng/u1 93
36) 2-Methylnaphthalene	12.239	142	511242	19.309	ng/u1 98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.457	142	536130	19.903	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.610	216	272266	18.289	ng/ul#	95
40) Hexachlorocyclopentadiene	12.592	237	111753	12.411	ng/ul	99
41) 2,4,6-Trichlorophenol	12.851	196	181473	21.069	ng/ul	99
42) 2,4,5-Trichlorophenol	12.927	196	201919	21.438	ng/ul	93
43) 1,1'-Biphenyl	13.251	154	666606	18.206	ng/ul#	97
44) 2-Chloronaphthalene	13.292	162	541225	19.112	ng/ul	97
45) 2-Nitroaniline	13.498	65	145587	16.195	ng/ul#	75
47) Dimethylphthalate	13.874	163	630909	18.789	ng/ul	99
48) 2,6-Dinitrotoluene	13.992	165	126365	21.428	ng/ul#	83
50) Acenaphthylene	14.139	152	886053	19.986	ng/ul	99
51) 3-Nitroaniline	14.327	138	144522	20.249	ng/ul	87
52) Acenaphthene	14.486	153	581162	18.544	ng/ul	97
53) 2,4-Dinitrophenol	14.533	184	53341	14.639	ng/ul#	78
55) 4-Nitrophenol	14.645	109	91234	16.461	ng/ul#	83
56) Dibenzofuran	14.821	168	797642	18.908	ng/ul	94
57) 2,4-Dinitrotoluene	14.786	165	189379	21.382	ng/ul#	75
58) 2,3,4,6-Tetrachlorophenol	15.051	232	172741	23.266	ng/ul#	93
59) Diethylphthalate	15.239	149	631542	18.798	ng/ul	98
61) Fluorene	15.468	166	651447	18.510	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.463	204	313382	18.844	ng/ul	95
63) 4-Nitroaniline	15.486	138	159341	22.988	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.551	198	96236	15.344	ng/ul#	87
67) N-Nitrosodiphenylamine	15.674	169	542313	17.993	ng/ul	99
68) 4-Bromophenyl-phenylether	16.357	248	194651	19.523	ng/ul	95
69) Hexachlorobenzene	16.474	284	236838	20.413	ng/ul	91
70) Atrazine	16.627	200	166709	16.616	ng/ul	100
71) Pentachlorophenol	16.815	266	155731	21.108	ng/ul	100
72) Phenanthrene	17.204	178	1059257	18.675	ng/ul	99
74) Anthracene	17.292	178	1093948	18.909	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.222	216	268595	16.772	ng/uL	98
76) Pentachlorobenzene	14.739	250	271422	17.363	ng/uL	98
77) Carbazole	17.562	167	1014344	19.344	ng/ul	98
78) Di-n-butylphthalate	18.127	149	1117144	19.136	ng/ul	98
80) Fluoranthene	19.215	202	1289701	19.859	ng/ul	98
82) Pyrene	19.580	202	1376400	19.042	ng/ul	96
83) Butylbenzylphthalate	20.468	149	568505	22.247	ng/ul	85
84) 3,3'-Dichlorobenzidine	21.292	252	420261	20.471	ng/ul	98
85) Benzo(a)anthracene	21.368	228	1380956	20.300	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.286	149	793085	20.671	ng/ul	98
87) Chrysene	21.433	228	1281403	19.322	ng/ul	99
89) Di-n-octyl phthalate	22.415	149	1454036	19.162	ng/ul	100
90) Benzo(b)fluoranthene	23.433	252	1386211	18.895	ng/ul	99
91) Benzo(k)fluoranthene	23.497	252	1437712	19.165	ng/ul	99
93) Benzo(a)pyrene	24.238	252	1370348	19.668	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.762	276	1732013	19.398	ng/ul	99
95) Dibenzo(a,h)anthracene	27.809	278	1443126	19.722	ng/ul	97
96) Benzo(g,h,i)perylene	28.815	276	1415793	20.238	ng/ul	98

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

