Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047724.D
Acq On : 30 Sep 2024 19:53
Operator : RC/JU
Sample : P4018-18MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 30 23:23:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 28 02:30:36 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DDCE2MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	269035	20.000	ng/ul	0.00
20) Naphthalene-d8	10.604	136	1128212	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.445	164	700347	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	1366875	20.000	ng/ul	0.00
79) Chrysene-d12	21.409	240	1273748	20.000	ng/ul	0.00
88) Perylene-d12	24.409	264	1412789	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	21617	2.597	ng/uL	0.00
4) Pyridine-d5	3.675	84	144792	5.940	ng/ul	0.00
7) Phenol-d5	6.975	99	457009	17.964	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	277601	15.378	ng/ul	0.00
11) 2-Chlorophenol-d4	7.345	132	356651	19.269	ng/ul	0.00
15) 4-Methylphenol-d8	8.516	113	370550	19.591	ng/ul	0.00
21) Nitrobenzene-d5	8.963	128	182002	20.261	ng/ul	0.00
24) 2-Nitrophenol-d4	9.686	143	192376	22.348	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	382379	22.236	ng/ul	0.00
31) 4-Chloroaniline-d4	10.733	131	511408	19.236	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	1124239	22.141	ng/ul	0.00
49) Acenaphthylene-d8	14.139	160	1289221	21.415	ng/ul	0.00
54) 4-Nitrophenol-d4	14.639	143	209653	20.738	ng/ul	0.00
60) Fluorene-d10	15.433	176	963771	21.914	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	173921	21.743	ng/ul	0.00
73) Anthracene-d10	17.280	188	1432894	21.319	ng/ul	0.00
81) Pyrene-d10	19.568	212	1682117	23.269	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.209	264	1699589	23.186	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	78020	8.580	ng/uL	90
5) Pyridine	3.693	79	560357	21.836	ng/ul	86
6) Benzaldehyde	6.951	77	383375	27.711	ng/ul	92
8) Phenol	7.004	94	685052	25.308	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.234	93	529302	24.540	ng/ul	91
12) 2-Chlorophenol	7.375	128	548871	27.992	ng/ul	92
13) 2-Methylphenol	8.251	108	507686	26.897	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.334	45	800025	19.703	ng/ul#	94
16) Acetophenone	8.634	105	846246	26.148	ng/ul#	91
17) N-Nitroso-di-n-propyla...	8.622	70	427347	24.930	ng/ul#	89
18) 4-Methylphenol	8.581	108	564020	26.591	ng/ul	100
19) Hexachloroethane	8.892	117	229781	26.071	ng/ul	92
22) Nitrobenzene	9.004	77	613591	24.046	ng/ul	93
23) Isophorone	9.539	82	1189882	26.067	ng/ul	95
25) 2-Nitrophenol	9.716	139	299647	30.427	ng/ul	91
26) 2,4-Dimethylphenol	9.781	107	481337	22.810	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.016	93	714554	25.594	ng/ul	97
29) 2,4-Dichlorophenol	10.251	162	525832	29.613	ng/ul	99
30) Naphthalene	10.657	128	1743576	26.867	ng/ul	100
32) 4-Chloroaniline	10.763	127	642559	24.546	ng/ul	100
33) Hexachlorobutadiene	10.945	225	326278	27.810	ng/ul	100
34) Caprolactam	11.580	113	190034m	33.463	ng/ul	
35) 4-Chloro-3-methylphenol	11.886	107	545056	29.653	ng/ul	96
36) 2-Methylnaphthalene	12.269	142	1187409	28.797	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.486	142	1189732	28.360	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.639	216	617504	27.086	ng/ul	96
40) Hexachlorocyclopentadiene	12.622	237	308867	22.399	ng/ul	99
41) 2,4,6-Trichlorophenol	12.874	196	405789	30.763	ng/ul	99
42) 2,4,5-Trichlorophenol	12.945	196	437028	30.298	ng/ul	97
43) 1,1'-Biphenyl	13.280	154	1515662	27.030	ng/ul#	97
44) 2-Chloronaphthalene	13.322	162	1181951	27.254	ng/ul	97
45) 2-Nitroaniline	13.522	65	349644	25.397	ng/ul#	79
47) Dimethylphthalate	13.904	163	1436889	27.943	ng/ul	99
48) 2,6-Dinitrotoluene	14.016	165	286259	31.698	ng/ul#	85
50) Acenaphthylene	14.169	152	1863515	27.447	ng/ul	99
51) 3-Nitroaniline	14.345	138	322112	29.470	ng/ul	87
52) Acenaphthene	14.510	153	1297713	27.039	ng/ul	98
53) 2,4-Dinitrophenol	14.545	184	156492	28.043	ng/ul#	78
55) 4-Nitrophenol	14.651	109	219998	25.919	ng/ul	90
56) Dibenzofuran	14.845	168	1772031	27.429	ng/ul	97
57) 2,4-Dinitrotoluene	14.798	165	419579	30.934	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.068	232	500911	44.055	ng/ul#	96
59) Diethylphthalate	15.268	149	1439553	27.979	ng/ul	98
61) Fluorene	15.492	166	1432263	26.574	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.486	204	695386	27.304	ng/ul	96
63) 4-Nitroaniline	15.504	138	340910	32.115	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.563	198	269366	30.392	ng/ul#	87
67) N-Nitrosodiphenylamine	15.698	169	1179081	27.682	ng/ul	99
68) 4-Bromophenyl-phenylether	16.374	248	419651	29.785	ng/ul	98
69) Hexachlorobenzene	16.492	284	481548	29.369	ng/ul	96
70) Atrazine	16.651	200	378233	26.676	ng/ul	97
71) Pentachlorophenol	16.845	266	4653785	446.360	ng/ul	99
72) Phenanthrene	17.227	178	2150893	26.833	ng/ul	99
74) Anthracene	17.315	178	2162096	26.446	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.245	216	606862	26.815	ng/uL	99
76) Pentachlorobenzene	14.763	250	584231	26.447	ng/uL	99
77) Carbazole	17.580	167	2037466	27.494	ng/ul	99
78) Di-n-butylphthalate	18.151	149	2471961	29.963	ng/ul	98
80) Fluoranthene	19.233	202	2483330	29.167	ng/ul	99
82) Pyrene	19.598	202	2674403	28.222	ng/ul	95
83) Butylbenzylphthalate	20.492	149	1092460	32.609	ng/ul	85
84) 3,3'-Dichlorobenzidine	21.309	252	652925	24.259	ng/ul	98
85) Benzo(a)anthracene	21.392	228	2518763	28.242	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.315	149	1567933	31.172	ng/ul#	98
87) Chrysene	21.450	228	2389822	27.487	ng/ul	100
89) Di-n-octyl phthalate	22.450	149	2659458	29.184	ng/ul	100
90) Benzo(b)fluoranthene	23.462	252	2498913	28.363	ng/ul	98
91) Benzo(k)fluoranthene	23.521	252	2518773	27.959	ng/ul	99
93) Benzo(a)pyrene	24.268	252	2355232	28.147	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.803	276	3059124	28.528	ng/ul	98
95) Dibenzo(a,h)anthracene	27.868	278	2503590	28.489	ng/ul	97
96) Benzo(g,h,i)perylene	28.862	276	2393303	28.487	ng/ul	96

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

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