Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047723.D
Acq On : 30 Sep 2024 19:13
Operator : RC/JU
Sample : P4018-17MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 30 23:22:15 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 :
DDCE2MS

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	248950	20.000	ng/ul	0.00
20) Naphthalene-d8	10.604	136	1066807	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	665658	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	1292015	20.000	ng/ul	0.00
79) Chrysene-d12	21.403	240	1206627	20.000	ng/ul	0.00
88) Perylene-d12	24.409	264	1355997	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	20059	2.604	ng/uL	0.00
4) Pyridine-d5	3.675	84	139205	6.172	ng/ul	0.00
7) Phenol-d5	6.975	99	432251	18.362	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.139	67	263074	15.749	ng/ul	0.00
11) 2-Chlorophenol-d4	7.345	132	340337	19.871	ng/ul	0.00
15) 4-Methylphenol-d8	8.516	113	349775	19.984	ng/ul	0.00
21) Nitrobenzene-d5	8.963	128	173313	20.404	ng/ul	0.00
24) 2-Nitrophenol-d4	9.686	143	181724	22.325	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.227	165	364408	22.411	ng/ul	0.00
31) 4-Chloroaniline-d4	10.739	131	496031	19.732	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	1087448	22.533	ng/ul	0.00
49) Acenaphthylene-d8	14.139	160	1243044	21.724	ng/ul	0.00
54) 4-Nitrophenol-d4	14.639	143	201178	20.937	ng/ul	0.00
60) Fluorene-d10	15.433	176	926060	22.153	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	166702	22.048	ng/ul	0.00
73) Anthracene-d10	17.280	188	1402068	22.069	ng/ul	0.00
81) Pyrene-d10	19.568	212	1650982	24.108	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.203	264	1650083	23.454	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	75005	8.914	ng/uL	91
5) Pyridine	3.693	79	534242	22.498	ng/ul	86
6) Benzaldehyde	6.951	77	363035	28.357	ng/ul	91
8) Phenol	7.004	94	656834	26.223	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.234	93	500266	25.065	ng/ul	92
12) 2-Chlorophenol	7.375	128	526545	29.019	ng/ul	93
13) 2-Methylphenol	8.251	108	478337	27.387	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.333	45	757152	20.152	ng/ul#	95
16) Acetophenone	8.633	105	800929	26.744	ng/ul#	91
17) N-Nitroso-di-n-propyla...	8.622	70	405097	25.539	ng/ul#	89
18) 4-Methylphenol	8.581	108	535077	27.261	ng/ul	98
19) Hexachloroethane	8.898	117	215378	26.408	ng/ul	88
22) Nitrobenzene	9.010	77	579752	24.027	ng/ul	91
23) Isophorone	9.539	82	1146174	26.555	ng/ul	96
25) 2-Nitrophenol	9.716	139	283572	30.452	ng/ul	91
26) 2,4-Dimethylphenol	9.780	107	469241	23.517	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.016	93	685775	25.977	ng/ul	96
29) 2,4-Dichlorophenol	10.251	162	504773	30.064	ng/ul	98
30) Naphthalene	10.657	128	1673239	27.268	ng/ul	99
32) 4-Chloroaniline	10.763	127	617158	24.933	ng/ul	100
33) Hexachlorobutadiene	10.951	225	311725	28.099	ng/ul	97
34) Caprolactam	11.580	113	180862m	33.682	ng/ul	
35) 4-Chloro-3-methylphenol	11.886	107	522177	30.044	ng/ul	96
36) 2-Methylnaphthalene	12.269	142	1132601	29.049	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.486	142	1141010	28.764	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.639	216	593788	27.403	ng/ul	96
40) Hexachlorocyclopentadiene	12.621	237	298871	22.804	ng/ul	99
41) 2,4,6-Trichlorophenol	12.874	196	392363	31.295	ng/ul	100
42) 2,4,5-Trichlorophenol	12.945	196	425562	31.040	ng/ul	96
43) 1,1'-Biphenyl	13.280	154	1471549	27.611	ng/ul	98
44) 2-Chloronaphthalene	13.321	162	1139176	27.637	ng/ul	97
45) 2-Nitroaniline	13.521	65	332499	25.410	ng/ul#	78
47) Dimethylphthalate	13.904	163	1393521	28.512	ng/ul	99
48) 2,6-Dinitrotoluene	14.015	165	273170	31.825	ng/ul	86
50) Acenaphthylene	14.168	152	1807634	28.012	ng/ul	99
51) 3-Nitroaniline	14.345	138	311872	30.020	ng/ul	87
52) Acenaphthene	14.510	153	1253131	27.471	ng/ul	98
53) 2,4-Dinitrophenol	14.545	184	147482	27.806	ng/ul#	79
55) 4-Nitrophenol	14.651	109	211023	26.157	ng/ul	90
56) Dibenzofuran	14.845	168	1714221	27.917	ng/ul	98
57) 2,4-Dinitrotoluene	14.798	165	407784	31.631	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.068	232	478193	44.249	ng/ul	97
59) Diethylphthalate	15.268	149	1401567	28.661	ng/ul	98
61) Fluorene	15.492	166	1394754	27.226	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.486	204	673770	27.834	ng/ul	98
63) 4-Nitroaniline	15.504	138	330864	32.793	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.562	198	260911	31.143	ng/ul#	84
67) N-Nitrosodiphenylamine	15.698	169	1146864	28.486	ng/ul	100
68) 4-Bromophenyl-phenylether	16.380	248	411076	30.866	ng/ul	96
69) Hexachlorobenzene	16.492	284	468743	30.245	ng/ul	96
70) Atrazine	16.651	200	372299	27.779	ng/ul	97
71) Pentachlorophenol	16.845	266	4557237	462.425	ng/ul	99
72) Phenanthrene	17.227	178	2103114	27.757	ng/ul	99
74) Anthracene	17.315	178	2119754	27.430	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.245	216	580382	27.131	ng/uL	98
76) Pentachlorobenzene	14.768	250	567129	27.160	ng/uL	98
77) Carbazole	17.580	167	2002919	28.594	ng/ul	99
78) Di-n-butylphthalate	18.150	149	2430660	31.169	ng/ul	99
80) Fluoranthene	19.233	202	2448331	30.356	ng/ul	98
82) Pyrene	19.597	202	2602080	28.986	ng/ul	95
83) Butylbenzylphthalate	20.491	149	1065084	33.560	ng/ul	86
84) 3,3'-Dichlorobenzidine	21.309	252	627622	24.616	ng/ul	98
85) Benzo(a)anthracene	21.386	228	2471976	29.260	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.315	149	1541866	32.359	ng/ul	98
87) Chrysene	21.450	228	2324707	28.225	ng/ul	98
89) Di-n-octyl phthalate	22.450	149	2595309	29.673	ng/ul	100
90) Benzo(b)fluoranthene	23.462	252	2449921	28.971	ng/ul	99
91) Benzo(k)fluoranthene	23.521	252	2449265	28.326	ng/ul	99
93) Benzo(a)pyrene	24.268	252	2298696	28.622	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.803	276	2945572	28.620	ng/ul	98
95) Dibenzo(a,h)anthracene	27.862	278	2422443	28.721	ng/ul	98
96) Benzo(g,h,i)perylene	28.862	276	2311068	28.660	ng/ul	97

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

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