Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080924\
Data File : BM047116.D
Acq On : 09 Aug 2024 11:34
Operator : RC/JU
Sample : P3480-11MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E0AA6MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/12/2024
Supervised By :mohammad ahmed 08/12/2024

Quant Time: Aug 10 01:02:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 09 01:30:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.387	152	202522	20.000	ng/ul	0.00
20) Naphthalene-d8	10.139	136	831800	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.039	164	554950	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.798	188	1174050	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.039	240	974885	20.000	ng/ul	0.00
88) Perylene-d12	23.739	264	1144009	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.016	96	21580	4.221	ng/uL	0.00
4) Pyridine-d5	3.405	84	136803	9.811	ng/ul	0.00
7) Phenol-d5	6.593	99	145858	9.481	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.746	67	311260	30.749	ng/ul	0.00
11) 2-Chlorophenol-d4	6.928	132	363060	27.859	ng/ul	0.00
15) 4-Methylphenol-d8	8.110	113	250786	20.578	ng/ul	0.00
21) Nitrobenzene-d5	8.528	128	192200	28.795	ng/ul	0.00
24) 2-Nitrophenol-d4	9.239	143	214699	29.455	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.781	165	405149	28.950	ng/ul	0.00
31) 4-Chloroaniline-d4	10.292	131	488700	26.570	ng/ul	0.00
46) Dimethylphthalate-d6	13.469	166	1224349	28.854	ng/ul	0.00
49) Acenaphthylene-d8	13.727	160	1374666	29.023	ng/ul	0.00
54) 4-Nitrophenol-d4	14.286	143	70586	8.604	ng/ul	0.00
60) Fluorene-d10	15.045	176	1067663	29.414	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.186	200	209108	28.191	ng/ul	0.00
73) Anthracene-d10	16.898	188	1690615	30.375	ng/ul	0.00
81) Pyrene-d10	19.209	212	1901780	34.078	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.556	264	1956785	32.483	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.046	88	26266	4.618	ng/uL	94
5) Pyridine	3.422	79	143853	10.421	ng/ul	97
6) Benzaldehyde	6.546	77	298456	33.775	ng/ul	98
8) Phenol	6.616	94	155670	10.048	ng/ul	91
10) Bis(2-Chloroethyl)ether	6.834	93	387838	29.369	ng/ul	93
12) 2-Chlorophenol	6.957	128	358054	27.120	ng/ul	98
13) 2-Methylphenol	7.840	108	276420	23.421	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	7.910	45	501474	31.689	ng/ul	99
16) Acetophenone	8.204	105	575652	30.010	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.193	70	299964	29.654	ng/ul	97
18) 4-Methylphenol	8.169	108	270545	21.216	ng/ul	96
19) Hexachloroethane	8.440	117	100648	15.650	ng/ul	92
22) Nitrobenzene	8.569	77	479054	26.863	ng/ul	95
23) Isophorone	9.098	82	842238	27.602	ng/ul	99
25) 2-Nitrophenol	9.275	139	227196	28.493	ng/ul	92
26) 2,4-Dimethylphenol	9.351	107	353612	22.498	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.587	93	518880	27.585	ng/ul	99
29) 2,4-Dichlorophenol	9.804	162	387515	27.763	ng/ul	100
30) Naphthalene	10.192	128	1081643	24.560	ng/ul	100
32) 4-Chloroaniline	10.316	127	442615	24.781	ng/ul	99
33) Hexachlorobutadiene	10.475	225	171545	17.035	ng/ul	98
34) Caprolactam	11.104	113	19958m	4.722	ng/ul	
35) 4-Chloro-3-methylphenol	11.457	107	397632	27.627	ng/ul	97
36) 2-Methylnaphthalene	11.816	142	818933	26.631	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.039	142	818497	26.293	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.198	216	438299	25.183	ng/ul	99
40) Hexachlorocyclopentadiene	12.175	237	126665	11.048	ng/ul#	97
41) 2,4,6-Trichlorophenol	12.457	196	330689	29.029	ng/ul	96
42) 2,4,5-Trichlorophenol	12.528	196	363477	29.552	ng/ul	99
43) 1,1'-Biphenyl	12.863	154	1118086	26.930	ng/ul	97
44) 2-Chloronaphthalene	12.898	162	907564	27.527	ng/ul	97
45) 2-Nitroaniline	13.122	65	306715	30.613	ng/ul	97
47) Dimethylphthalate	13.516	163	1203247	28.260	ng/ul	99
48) 2,6-Dinitrotoluene	13.633	165	258143	31.188	ng/ul	86
50) Acenaphthylene	13.757	152	1409830	28.184	ng/ul	98
51) 3-Nitroaniline	13.963	138	269182	31.933	ng/ul	98
52) Acenaphthene	14.104	153	987273	27.377	ng/ul	99
53) 2,4-Dinitrophenol	14.180	184	132570	22.700	ng/ul	90
55) 4-Nitrophenol	14.298	109	67353	8.111	ng/ul	88
56) Dibenzofuran	14.445	168	1398696	27.635	ng/ul	95
57) 2,4-Dinitrotoluene	14.433	165	384184	30.373	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.686	232	307697	28.141	ng/ul#	95
59) Diethylphthalate	14.904	149	1248092	27.249	ng/ul	99
61) Fluorene	15.104	166	1163356	27.868	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.110	204	541476	26.348	ng/ul	94
63) 4-Nitroaniline	15.139	138	287121m	34.467	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.204	198	223931	27.590	ng/ul	91
67) N-Nitrosodiphenylamine	15.327	169	984620	28.294	ng/ul	99
68) 4-Bromophenyl-phenylether	16.004	248	363122	28.575	ng/ul	92
69) Hexachlorobenzene	16.110	284	433606	28.978	ng/ul	98
70) Atrazine	16.298	200	318867	23.354	ng/ul	98
71) Pentachlorophenol	16.457	266	281470	27.784	ng/ul	96
72) Phenanthrene	16.845	178	1929544	29.319	ng/ul	100
74) Anthracene	16.933	178	1915573	28.862	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.822	216	442895	26.219	ng/uL	95
76) Pentachlorobenzene	14.363	250	458258	26.208	ng/uL	98
77) Carbazole	17.215	167	1883206	30.607	ng/ul	99
78) Di-n-butylphthalate	17.798	149	2269077	29.001	ng/ul	98
80) Fluoranthene	18.874	202	2235948	33.525	ng/ul	97
82) Pyrene	19.245	202	2306509	32.456	ng/ul	97
83) Butylbenzylphthalate	20.180	149	1038999	33.450	ng/ul	96
84) 3,3'-Dichlorobenzidine	20.962	252	531180	22.226	ng/ul	98
85) Benzo(a)anthracene	21.021	228	2217401	31.143	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	20.980	149	1453514	32.055	ng/ul	99
87) Chrysene	21.074	228	2076541	30.580	ng/ul	100
89) Di-n-octyl phthalate	22.015	149	2539944	31.471	ng/ul	100
90) Benzo(b)fluoranthene	22.892	252	2267075	32.037	ng/ul	98
91) Benzo(k)fluoranthene	22.950	252	2209490	31.596	ng/ul	97
93) Benzo(a)pyrene	23.615	252	2005668	30.423	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.738	276	2607407	30.869	ng/ul	98
95) Dibenzo(a,h)anthracene	26.791	278	2117727	31.214	ng/ul	99
96) Benzo(g,h,i)perylene	27.668	276	2056360	30.813	ng/ul	97

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

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