Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080924\
Data File : BM047117.D
Acq On : 09 Aug 2024 12:15
Operator : RC/JU
Sample : P3480-12MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E0AA6MSD

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

Quant Time: Aug 10 01:03:49 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	7.386	152	248073	20.000	ng/ul	0.00
20) Naphthalene-d8	10.139	136	993356	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.039	164	651404	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.804	188	1375208	20.000	ng/ul	0.00
79) Chrysene-d12	21.039	240	1145280	20.000	ng/ul	0.00
88) Perylene-d12	23.738	264	1325675	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.016	96	24656	3.938	ng/uL	0.00
4) Pyridine-d5	3.404	84	143906	8.425	ng/ul	0.00
7) Phenol-d5	6.592	99	151081	8.017	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.745	67	324780	26.193	ng/ul	0.00
11) 2-Chlorophenol-d4	6.928	132	383319	24.013	ng/ul	0.00
15) 4-Methylphenol-d8	8.110	113	264612	17.725	ng/ul	0.00
21) Nitrobenzene-d5	8.533	128	201922	25.332	ng/ul	0.00
24) 2-Nitrophenol-d4	9.245	143	223336	25.657	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.780	165	427050	25.552	ng/ul	0.00
31) 4-Chloroaniline-d4	10.292	131	509565	23.199	ng/ul	0.00
46) Dimethylphthalate-d6	13.468	166	1257078	25.239	ng/ul	0.00
49) Acenaphthylene-d8	13.727	160	1426624	25.660	ng/ul	0.00
54) 4-Nitrophenol-d4	14.286	143	72152	7.492	ng/ul	0.00
60) Fluorene-d10	15.045	176	1087417	25.522	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.186	200	214090	24.641	ng/ul	0.00
73) Anthracene-d10	16.898	188	1727050	26.491	ng/ul	0.00
81) Pyrene-d10	19.215	212	1946077	29.683	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.556	264	1984334	28.426	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.046	88	28575	4.101	ng/uL	95
5) Pyridine	3.422	79	152778	9.035	ng/ul	98
6) Benzaldehyde	6.545	77	316320	29.224	ng/ul	98
8) Phenol	6.616	94	164150	8.649	ng/ul	90
10) Bis(2-Chloroethyl)ether	6.834	93	410968	25.406	ng/ul	96
12) 2-Chlorophenol	6.963	128	376367	23.272	ng/ul	97
13) 2-Methylphenol	7.845	108	292927	20.262	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	7.910	45	523152	26.989	ng/ul	98
16) Acetophenone	8.204	105	606130	25.796	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.192	70	313266	25.282	ng/ul	97
18) 4-Methylphenol	8.169	108	280676	17.969	ng/ul	99
19) Hexachloroethane	8.439	117	105612	13.406	ng/ul	92
22) Nitrobenzene	8.575	77	497329	23.353	ng/ul	94
23) Isophorone	9.098	82	880081	24.152	ng/ul	99
25) 2-Nitrophenol	9.275	139	239508	25.152	ng/ul#	91
26) 2,4-Dimethylphenol	9.351	107	367506	19.580	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.586	93	542106	24.132	ng/ul	100
29) 2,4-Dichlorophenol	9.804	162	403664	24.217	ng/ul	99
30) Naphthalene	10.192	128	1135325	21.586	ng/ul	100
32) 4-Chloroaniline	10.316	127	449810	21.088	ng/ul	99
33) Hexachlorobutadiene	10.480	225	181709	15.110	ng/ul	99
34) Caprolactam	11.104	113	21825m	4.324	ng/ul	
35) 4-Chloro-3-methylphenol	11.457	107	418191	24.330	ng/ul	99
36) 2-Methylnaphthalene	11.816	142	846526	23.051	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.039	142	845028	22.730	ng/ul	98
39)	1,2,4,5-Tetrachloroben...	12.198	216	455920	22.317	ng/ul	98
40)	Hexachlorocyclopentadiene	12.174	237	131054	9.738	ng/ul	98
41)	2,4,6-Trichlorophenol	12.457	196	340569	25.469	ng/ul	98
42)	2,4,5-Trichlorophenol	12.527	196	370546	25.666	ng/ul	99
43)	1,1'-Biphenyl	12.863	154	1149184	23.581	ng/ul	97
44)	2-Chloronaphthalene	12.898	162	927383	23.963	ng/ul	97
45)	2-Nitroaniline	13.121	65	314383	26.732	ng/ul	97
47)	Dimethylphthalate	13.516	163	1236021	24.731	ng/ul	99
48)	2,6-Dinitrotoluene	13.633	165	264036	27.176	ng/ul	87
50)	Acenaphthylene	13.757	152	1468433	25.009	ng/ul	99
51)	3-Nitroaniline	13.963	138	277032	27.998	ng/ul	97
52)	Acenaphthene	14.104	153	1024518	24.203	ng/ul	100
53)	2,4-Dinitrophenol	14.180	184	136496	19.911	ng/ul	93
55)	4-Nitrophenol	14.304	109	70253	7.208	ng/ul	94
56)	Dibenzofuran	14.445	168	1444373	24.312	ng/ul	94
57)	2,4-Dinitrotoluene	14.433	165	392837	26.459	ng/ul	97
58)	2,3,4,6-Tetrachlorophenol	14.686	232	317553	24.742	ng/ul#	93
59)	Diethylphthalate	14.904	149	1277626	23.763	ng/ul	98
61)	Fluorene	15.104	166	1193931	24.366	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.110	204	551018	22.842	ng/ul	96
63)	4-Nitroaniline	15.139	138	297597m	30.435	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.204	198	227057	23.883	ng/ul	93
67)	N-Nitrosodiphenylamine	15.327	169	997368	24.468	ng/ul	99
68)	4-Bromophenyl-phenylether	16.004	248	367637	24.699	ng/ul	93
69)	Hexachlorobenzene	16.109	284	443124	25.282	ng/ul	98
70)	Atrazine	16.298	200	325680	20.364	ng/ul	98
71)	Pentachlorophenol	16.462	266	289225	24.373	ng/ul	96
72)	Phenanthrene	16.845	178	1973314	25.598	ng/ul	99
74)	Anthracene	16.933	178	1943574	25.000	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	12.821	216	457813	23.138	ng/uL	96
76)	Pentachlorobenzene	14.363	250	469214	22.910	ng/uL	98
77)	Carbazole	17.215	167	1908086	26.475	ng/ul	99
78)	Di-n-butylphthalate	17.803	149	2284858	24.931	ng/ul	98
80)	Fluoranthene	18.874	202	2268255	28.950	ng/ul	97
82)	Pyrene	19.245	202	2364945	28.327	ng/ul	98
83)	Butylbenzylphthalate	20.180	149	1058140	28.998	ng/ul	97
84)	3,3'-Dichlorobenzidine	20.962	252	536443	19.107	ng/ul	99
85)	Benzo(a)anthracene	21.021	228	2265001	27.079	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	20.986	149	1481554	27.812	ng/ul	99
87)	Chrysene	21.080	228	2111820	26.472	ng/ul	99
89)	Di-n-octyl phthalate	22.015	149	2585940	27.650	ng/ul	100
90)	Benzo(b)fluoranthene	22.891	252	2285321	27.869	ng/ul	98
91)	Benzo(k)fluoranthene	22.950	252	2249388	27.758	ng/ul	99
93)	Benzo(a)pyrene	23.615	252	2029182	26.562	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	26.738	276	2636613	26.937	ng/ul	97
95)	Dibenzo(a,h)anthracene	26.791	278	2125839	27.039	ng/ul	99
96)	Benzo(g,h,i)perylene	27.668	276	2085573	26.968	ng/ul	97

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

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