Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072622\
Data File : BM035937.D
Acq On : 26 Jul 2022 21:59
Operator : CG/JU
Sample : N3795-03MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBUL9MSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 07/27/2022
Supervised By :mohammad ahmed 07/27/2022

Quant Time: Jul 26 23:42:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 25 14:55:39 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	339838	20.000	ng/ul	0.00
20) Naphthalene-d8	10.692	136	1574155	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.522	164	985535	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.257	188	2036981	20.000	ng/ul	0.00
79) Chrysene-d12	21.433	240	2025025	20.000	ng/ul	0.00
88) Perylene-d12	23.803	264	1948689	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	43170	4.780	ng/uL	0.00
4) Pyridine-d5	3.699	84	389655	15.749	ng/ul	0.00
7) Phenol-d5	7.046	99	870500	30.545	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	546978	28.791	ng/ul	0.00
11) 2-Chlorophenol-d4	7.416	132	706006	29.846	ng/ul	0.00
15) 4-Methylphenol-d8	8.598	113	668726	28.965	ng/ul	0.00
21) Nitrobenzene-d5	9.051	128	361734	29.000	ng/ul	0.00
24) 2-Nitrophenol-d4	9.775	143	364463	29.990	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	705297	32.088	ng/ul	0.00
31) 4-Chloroaniline-d4	10.834	131	939912	25.260	ng/ul	0.00
46) Dimethylphthalate-d6	13.939	166	2231561	33.241	ng/ul	0.00
49) Acenaphthylene-d8	14.216	160	2735363	31.935	ng/ul	0.00
54) 4-Nitrophenol-d4	14.722	143	399426	28.974	ng/ul	0.00
60) Fluorene-d10	15.510	176	1938173	31.949	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.633	200	307041	28.042	ng/ul	0.00
73) Anthracene-d10	17.357	188	2923861	31.749	ng/ul	0.00
81) Pyrene-d10	19.645	212	3529169	31.446	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.650	264	3291551	33.271	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	110114	11.765	ng/uL	94
5) Pyridine	3.716	79	562810	21.677	ng/ul	88
6) Benzaldehyde	7.022	77	698886	58.430	ng/ul	94
8) Phenol	7.075	94	1087722	34.877	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.310	93	874578	34.881	ng/ul	97
12) 2-Chlorophenol	7.446	128	861971	35.521	ng/ul	100
13) 2-Methylphenol	8.334	108	794190	34.087	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.422	45	1161672	35.101	ng/ul	97
16) Acetophenone	8.716	105	1361036	36.718	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.704	70	707867	38.294	ng/ul	94
18) 4-Methylphenol	8.663	108	889125	35.573	ng/ul	95
19) Hexachloroethane	8.969	117	349002	34.858	ng/ul	90
22) Nitrobenzene	9.092	77	979202	34.304	ng/ul	99
23) Isophorone	9.622	82	1983386	36.809	ng/ul	98
25) 2-Nitrophenol	9.804	139	478740	35.508	ng/ul	99
26) 2,4-Dimethylphenol	9.869	107	592560	21.509	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.110	93	1216319	35.791	ng/ul	100
29) 2,4-Dichlorophenol	10.339	162	815890	35.764	ng/ul	99
30) Naphthalene	10.739	128	2884776	34.719	ng/ul	99
32) 4-Chloroaniline	10.857	127	1177098	31.845	ng/ul	98
33) Hexachlorobutadiene	11.022	225	482950	34.292	ng/ul	99
34) Caprolactam	11.639	113	279474m	37.067	ng/ul	
35) 4-Chloro-3-methylphenol	11.981	107	904863	38.145	ng/ul	95
36) 2-Methylnaphthalene	12.351	142	1980137	36.426	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.569	142	1997500	36.455	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.716	216	953803	33.999	ng/ul	98
40) Hexachlorocyclopentadiene	12.692	237	410338	21.962	ng/ul	98
41) 2,4,6-Trichlorophenol	12.957	196	649549	36.181	ng/ul	98
42) 2,4,5-Trichlorophenol	13.028	196	686490	35.836	ng/ul	100
43) 1,1'-Biphenyl	13.363	154	2629169	34.660	ng/ul	100
44) 2-Chloronaphthalene	13.404	162	2025694	34.796	ng/ul	98
45) 2-Nitroaniline	13.610	65	611952	38.129	ng/ul	99
47) Dimethylphthalate	13.986	163	2512074	37.201	ng/ul	99
48) 2,6-Dinitrotoluene	14.104	165	524520	39.124	ng/ul	94
50) Acenaphthylene	14.245	152	3370832	35.575	ng/ul	100
51) 3-Nitroaniline	14.433	138	607225	40.983	ng/ul	95
52) Acenaphthene	14.586	153	2186827	35.575	ng/ul	98
53) 2,4-Dinitrophenol	14.633	184	247657	32.535	ng/ul	98
55) 4-Nitrophenol	14.739	109	368780	34.977	ng/ul	85
56) Dibenzofuran	14.922	168	3052031	35.884	ng/ul	99
57) 2,4-Dinitrotoluene	14.886	165	752265	39.807	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.145	232	555590	36.914	ng/ul	96
59) Diethylphthalate	15.351	149	2609687	38.208	ng/ul	99
61) Fluorene	15.569	166	2537601	36.523	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.563	204	1207760	36.281	ng/ul	98
63) 4-Nitroaniline	15.592	138	647775	47.490	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.645	198	369108	33.689	ng/ul#	97
67) N-Nitrosodiphenylamine	15.774	169	2114291	35.306	ng/ul	99
68) 4-Bromophenyl-phenylether	16.457	248	732016	36.657	ng/ul	99
69) Hexachlorobenzene	16.563	284	884216	36.340	ng/ul	98
70) Atrazine	16.733	200	751573	36.184	ng/ul	99
71) Pentachlorophenol	16.904	266	391956	26.369	ng/ul	98
72) Phenanthrene	17.304	178	3963914	36.307	ng/ul	98
74) Anthracene	17.392	178	3897039	35.573	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.322	216	973315	30.726	ng/uL	98
76) Pentachlorobenzene	14.833	250	993470	34.598	ng/uL	99
77) Carbazole	17.668	167	3764300	37.203	ng/ul	99
78) Di-n-butylphthalate	18.233	149	4598266	40.279	ng/ul	99
80) Fluoranthene	19.315	202	4726009	35.245	ng/ul	98
82) Pyrene	19.680	202	4819928	34.874	ng/ul	96
83) Butylbenzylphthalate	20.580	149	1948094	38.754	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.356	252	1410613	37.749	ng/ul	98
85) Benzo(a)anthracene	21.421	228	4692665	36.817	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.356	149	2926680	40.294	ng/ul	100
87) Chrysene	21.474	228	4583561	36.856	ng/ul	99
89) Di-n-octyl phthalate	22.274	149	4673463	37.138	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	4728804	36.361	ng/ul	97
91) Benzo(k)fluoranthene	23.133	252	4691442	38.015	ng/ul	97
93) Benzo(a)pyrene	23.703	252	4583930	37.005	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.274	276	4770922	36.133	ng/ul	94
95) Dibenzo(a,h)anthracene	26.291	278	4116868	36.343	ng/ul	96
96) Benzo(g,h,i)perylene	27.027	276	3462710	31.647	ng/ul	95

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

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