Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031624\
Data File : BM044633.D
Acq On : 15 Mar 2024 15:14
Operator : MA/JU
Sample : P1759-16MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E0740MSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/19/2024

Quant Time: Mar 15 15:50:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 15 11:12:49 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.698	152	173671	20.000	ng/ul	0.00
20) Naphthalene-d8	10.481	136	717293	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.345	164	430234	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.098	188	865219	20.000	ng/ul	0.00
79) Chrysene-d12	21.298	240	771079	20.000	ng/ul	0.00
88) Perylene-d12	23.544	264	872584	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	21067	4.114	ng/uL	0.00
4) Pyridine-d5	3.652	84	212326	14.088	ng/ul	0.00
7) Phenol-d5	6.875	99	378376	21.191	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.051	67	245262	22.238	ng/ul	0.00
11) 2-Chlorophenol-d4	7.234	132	288002	21.949	ng/ul	0.00
15) 4-Methylphenol-d8	8.404	113	292149	20.834	ng/ul	0.00
21) Nitrobenzene-d5	8.857	128	146530	24.260	ng/ul	0.00
24) 2-Nitrophenol-d4	9.575	143	155853	23.936	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.104	165	281747	25.424	ng/ul	0.00
31) 4-Chloroaniline-d4	10.628	131	393987	21.406	ng/ul	0.00
46) Dimethylphthalate-d6	13.769	166	806811	23.906	ng/ul	0.00
49) Acenaphthylene-d8	14.033	160	947809	24.556	ng/ul	0.00
54) 4-Nitrophenol-d4	14.557	143	140413	20.062	ng/ul	0.00
60) Fluorene-d10	15.345	176	704406	24.837	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.474	200	112410	20.015	ng/ul	0.00
73) Anthracene-d10	17.198	188	1051463	25.424	ng/ul	0.00
81) Pyrene-d10	19.498	212	1201609	25.408	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.403	264	1174457	25.607	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	73833	13.928	ng/uL	95
5) Pyridine	3.669	79	504551	32.278	ng/ul	98
6) Benzaldehyde	6.857	77	294077	37.813	ng/ul	94
8) Phenol	6.898	94	653496	35.861	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.140	93	526747	35.202	ng/ul	97
12) 2-Chlorophenol	7.263	128	504352	37.266	ng/ul	98
13) 2-Methylphenol	8.140	108	480235	34.728	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.222	45	756652	38.291	ng/ul	97
16) Acetophenone	8.528	105	769872	35.399	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.510	70	408856	36.387	ng/ul	95
18) 4-Methylphenol	8.469	108	526032	34.945	ng/ul	96
19) Hexachloroethane	8.757	117	208700	37.646	ng/ul	99
22) Nitrobenzene	8.904	77	588404	41.078	ng/ul	97
23) Isophorone	9.422	82	1149717	39.342	ng/ul	97
25) 2-Nitrophenol	9.604	139	280149	39.465	ng/ul	97
26) 2,4-Dimethylphenol	9.663	107	506161	39.187	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.910	93	710652	38.666	ng/ul	99
29) 2,4-Dichlorophenol	10.128	162	450664	40.734	ng/ul	99
30) Naphthalene	10.528	128	1611320	39.663	ng/ul	99
32) 4-Chloroaniline	10.651	127	484186	27.288	ng/ul	99
33) Hexachlorobutadiene	10.798	225	262592	42.347	ng/ul	99
34) Caprolactam	11.439	113	156648m	36.358	ng/ul	
35) 4-Chloro-3-methylphenol	11.775	107	510034	39.753	ng/ul	99
36) 2-Methylnaphthalene	12.145	142	1059872	39.232	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.369	142	1052202	39.482	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.516	216	497465	40.643	ng/ul	99
40) Hexachlorocyclopentadiene	12.486	237	306639	37.740	ng/ul	99
41) 2,4,6-Trichlorophenol	12.763	196	331010	38.576	ng/ul	98
42) 2,4,5-Trichlorophenol	12.839	196	365474	39.744	ng/ul	99
43) 1,1'-Biphenyl	13.175	154	1357231	39.727	ng/ul	99
44) 2-Chloronaphthalene	13.216	162	1060307	39.549	ng/ul	99
45) 2-Nitroaniline	13.433	65	350236	41.612	ng/ul	99
47) Dimethylphthalate	13.816	163	1352576	39.385	ng/ul	100
48) 2,6-Dinitrotoluene	13.939	165	271264	39.545	ng/ul	97
50) Acenaphthylene	14.063	152	1799210	39.995	ng/ul	99
51) 3-Nitroaniline	14.269	138	294722	39.777	ng/ul	95
52) Acenaphthene	14.410	153	1179253	39.875	ng/ul	99
53) 2,4-Dinitrophenol	14.474	184	154904	35.303	ng/ul	94
55) 4-Nitrophenol	14.574	109	198311	40.440	ng/ul	92
56) Dibenzofuran	14.745	168	1568543	39.873	ng/ul	100
57) 2,4-Dinitrotoluene	14.727	165	396714	40.065	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.974	232	286630	37.666	ng/ul	98
59) Diethylphthalate	15.186	149	1414627	39.691	ng/ul	99
61) Fluorene	15.398	166	1297175	40.318	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.398	204	620767	41.572	ng/ul	100
63) 4-Nitroaniline	15.439	138	334035m	47.170	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.486	198	236362	39.383	ng/ul	98
67) N-Nitrosodiphenylamine	15.616	169	1083576	41.582	ng/ul	99
68) 4-Bromophenyl-phenylether	16.298	248	376398	43.494	ng/ul	97
69) Hexachlorobenzene	16.392	284	430983	43.723	ng/ul	99
70) Atrazine	16.580	200	186554	21.907	ng/ul	99
71) Pentachlorophenol	16.745	266	248354	38.156	ng/ul	97
72) Phenanthrene	17.145	178	2019523	41.146	ng/ul	99
74) Anthracene	17.233	178	2032106	40.938	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.127	216	498138	43.105	ng/uL	100
76) Pentachlorobenzene	14.657	250	493050	44.130	ng/uL	98
77) Carbazole	17.510	167	1902387	40.785	ng/ul	99
78) Di-n-butylphthalate	18.086	149	2638598	42.055	ng/ul	100
80) Fluoranthene	19.162	202	2298737	40.815	ng/ul	99
82) Pyrene	19.527	202	2403363	40.988	ng/ul	99
83) Butylbenzylphthalate	20.445	149	1166775	40.468	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.221	252	686689	41.169	ng/ul	99
85) Benzo(a)anthracene	21.280	228	2332609	40.284	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.227	149	1778702	42.312	ng/ul	99
87) Chrysene	21.333	228	2146090	40.032	ng/ul	99
89) Di-n-octyl phthalate	22.115	149	3118327	39.932	ng/ul	100
90) Benzo(b)fluoranthene	22.868	252	2316990	39.683	ng/ul	100
91) Benzo(k)fluoranthene	22.915	252	2292783	40.094	ng/ul	99
93) Benzo(a)pyrene	23.450	252	2185338	40.011	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.821	276	2683509	43.805	ng/ul	99
95) Dibenzo(a,h)anthracene	25.833	278	2279481	44.626	ng/ul	98
96) Benzo(g,h,i)perylene	26.509	276	2152924	44.039	ng/ul	99

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

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