Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122022\
Data File : BM038138.D
Acq On : 20 Dec 2022 17:22
Operator : CG/JU
Sample : N6008-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 21 00:15:33 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 21 00:11:56 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBYB0MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/21/2022
Supervised By :mohammad ahmed 12/21/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.045	152	166435	20.000	ng/ul	0.00
20) Naphthalene-d8	10.863	136	742431	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.674	164	470381	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.410	188	1027241	20.000	ng/ul	0.00
79) Chrysene-d12	21.580	240	895176	20.000	ng/ul	0.00
88) Perylene-d12	24.033	264	807841	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	16316	4.451	ng/uL	0.00
4) Pyridine-d5	3.834	84	209388	19.256	ng/ul	0.00
7) Phenol-d5	7.204	99	370883	27.423	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	218264	26.503	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	323317	29.142	ng/ul	0.00
15) 4-Methylphenol-d8	8.763	113	211761	20.058	ng/ul	0.00
21) Nitrobenzene-d5	9.216	128	165744	28.196	ng/ul	0.00
24) 2-Nitrophenol-d4	9.945	143	187708	30.471	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.481	165	367304	31.392	ng/ul	0.00
31) 4-Chloroaniline-d4	11.004	131	364909	22.593	ng/ul	0.00
46) Dimethylphthalate-d6	14.086	166	1075681	32.076	ng/ul	0.00
49) Acenaphthylene-d8	14.369	160	1257416	30.679	ng/ul	0.00
54) 4-Nitrophenol-d4	14.874	143	188775	33.030	ng/ul	0.00
60) Fluorene-d10	15.663	176	949350	31.775	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.786	200	176586	32.153	ng/ul	0.00
73) Anthracene-d10	17.510	188	1491867	31.118	ng/ul	0.00
81) Pyrene-d10	19.792	212	1745129	32.453	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.874	264	1305655	32.358	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	48475	12.607	ng/uL	99
5) Pyridine	3.852	79	378102	34.600	ng/ul	94
6) Benzaldehyde	7.181	77	306652	60.621	ng/ul	99
8) Phenol	7.234	94	555082	40.922	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.463	93	451761	40.559	ng/ul	96
12) 2-Chlorophenol	7.604	128	477157	42.052	ng/ul	98
13) 2-Methylphenol	8.492	108	439864	42.375	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.581	45	742324	36.909	ng/ul	98
16) Acetophenone	8.881	105	708916	42.696	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.863	70	334776	42.801	ng/ul	95
18) 4-Methylphenol	8.822	108	484659	43.161	ng/ul	99
19) Hexachloroethane	9.134	117	184554	40.685	ng/ul	98
22) Nitrobenzene	9.263	77	484312	38.291	ng/ul	94
23) Isophorone	9.792	82	966827	41.714	ng/ul	98
25) 2-Nitrophenol	9.975	139	276773	42.856	ng/ul	98
26) 2,4-Dimethylphenol	10.034	107	532446	42.633	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.269	93	615318	39.938	ng/ul	97
29) 2,4-Dichlorophenol	10.510	162	502867	43.805	ng/ul	98
30) Naphthalene	10.916	128	1600285	39.942	ng/ul	99
32) 4-Chloroaniline	11.028	127	607084	37.693	ng/ul	99
33) Hexachlorobutadiene	11.192	225	300706	39.818	ng/ul	99
34) Caprolactam	11.828	113	146138m	49.627	ng/ul	
35) 4-Chloro-3-methylphenol	12.145	107	498494	47.705	ng/ul	97
36) 2-Methylnaphthalene	12.510	142	1118103	43.026	ng/ul	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.733	142	1121608	42.210	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.875	216	596014	38.780	ng/ul	98
40)	Hexachlorocyclopentadiene	12.851	237	285191	32.438	ng/ul	99
41)	2,4,6-Trichlorophenol	13.116	196	407697	43.549	ng/ul	99
42)	2,4,5-Trichlorophenol	13.186	196	446207	45.702	ng/ul	99
43)	1,1'-Biphenyl	13.516	154	1531758	40.512	ng/ul	99
44)	2-Chloronaphthalene	13.557	162	1198679	41.096	ng/ul	98
45)	2-Nitroaniline	13.769	65	313560	44.616	ng/ul	95
47)	Dimethylphthalate	14.133	163	1449412	43.807	ng/ul	100
48)	2,6-Dinitrotoluene	14.257	165	291315	45.329	ng/ul	97
50)	Acenaphthylene	14.398	152	1917923	42.557	ng/ul	99
51)	3-Nitroaniline	14.586	138	290660	45.330	ng/ul	98
52)	Acenaphthene	14.739	153	1338198	42.930	ng/ul	100
53)	2,4-Dinitrophenol	14.792	184	177689	56.345	ng/ul	99
55)	4-Nitrophenol	14.892	109	202521	53.732	ng/ul	96
56)	Dibenzofuran	15.069	168	1827788	42.948	ng/ul	96
57)	2,4-Dinitrotoluene	15.039	165	417875	48.013	ng/ul#	97
58)	2,3,4,6-Tetrachlorophenol	15.298	232	393026	47.855	ng/ul	97
59)	Diethylphthalate	15.486	149	1534086	46.543	ng/ul	99
61)	Fluorene	15.716	166	1579331	45.504	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.704	204	749611	44.195	ng/ul	93
63)	4-Nitroaniline	15.745	138	296599	51.015	ng/ul	96
66)	4,6-Dinitro-2-methylph...	15.798	198	234086	44.027	ng/ul#	99
67)	N-Nitrosodiphenylamine	15.921	169	1259644	40.651	ng/ul	99
68)	4-Bromophenyl-phenylether	16.598	248	452054	40.145	ng/ul	96
69)	Hexachlorobenzene	16.715	284	538475	40.061	ng/ul	95
70)	Atrazine	16.874	200	458111	43.263	ng/ul	96
71)	Pentachlorophenol	17.063	266	344387	46.083	ng/ul	98
72)	Phenanthrene	17.457	178	2396081	42.713	ng/ul	99
74)	Anthracene	17.545	178	2449832	42.972	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.480	216	603564	36.344	ng/uL	100
76)	Pentachlorobenzene	14.992	250	603732	36.699	ng/uL	100
77)	Carbazole	17.815	167	2222883	45.005	ng/ul	99
78)	Di-n-butylphthalate	18.368	149	2884413	49.131	ng/ul	100
80)	Fluoranthene	19.462	202	2811424	44.300	ng/ul	97
82)	Pyrene	19.827	202	2954937	44.739	ng/ul	96
83)	Butylbenzylphthalate	20.703	149	1264081	51.470	ng/ul	96
84)	3,3'-Dichlorobenzidine	21.492	252	135554	7.652	ng/ul#	97
85)	Benzo(a)anthracene	21.562	228	2571137	42.663	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.474	149	1884850	52.754	ng/ul	99
87)	Chrysene	21.621	228	2400438	42.452	ng/ul	100
89)	Di-n-octyl phthalate	22.409	149	3061631	59.147	ng/ul	100
90)	Benzo(b)fluoranthene	23.286	252	2357450	47.071	ng/ul	100
91)	Benzo(k)fluoranthene	23.333	252	2151687	44.330	ng/ul	100
93)	Benzo(a)pyrene	23.927	252	1908243	43.328	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.609	276	2275145	40.111	ng/ul	98
95)	Dibenzo(a,h)anthracene	26.615	278	1953752	40.859	ng/ul	99
96)	Benzo(g,h,i)perylene	27.397	276	1822262	40.239	ng/ul	99

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

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