Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037884.D
Acq On : 08 Dec 2022 13:31
Operator : CG/JU
Sample : N5832-13MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXK9MS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022

Quant Time: Dec 08 22:38:05 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 08 01:49:06 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	264174	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136	1036637	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.721	164	521720	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.462	188	878061	20.000	ng/ul	0.00
79) Chrysene-d12	21.650	240	553154	20.000	ng/ul	# 0.02
88) Perylene-d12	24.144	264	909773m	20.000	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	32222m	5.538	ng/uL	0.00
4) Pyridine-d5	3.863	84	419207	24.288	ng/ul	0.00
7) Phenol-d5	7.245	99	795526	37.058	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.410	67	448440	34.306	ng/ul	0.00
11) 2-Chlorophenol-d4	7.616	132	654910	37.190	ng/ul	0.00
15) 4-Methylphenol-d8	8.804	113	621770	37.105	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	329247	40.115	ng/ul	0.00
24) 2-Nitrophenol-d4	9.986	143	356084	41.399	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.528	165	640798	39.223	ng/ul	0.00
31) 4-Chloroaniline-d4	11.045	131	502976	22.303	ng/ul	0.00
46) Dimethylphthalate-d6	14.127	166	1507775	40.537	ng/ul	0.00
49) Acenaphthylene-d8	14.416	160	1803291	39.668	ng/ul	0.00
54) 4-Nitrophenol-d4	14.927	143	229636	36.226	ng/ul	0.02
60) Fluorene-d10	15.710	176	1260809	38.047	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.833	200	125666	26.769	ng/ul	0.01
73) Anthracene-d10	17.586	188	1305753	31.863	ng/ul	0.03
81) Pyrene-d10	19.856	212	1446197	43.523	ng/ul	0.02
92) Benzo(a)pyrene-d12	23.991	264	1683902m	37.057	ng/ul	0.05
Target Compounds						Qvalue
2) 1,4-Dioxane	3.463	88	75807	12.421	ng/uL	96
5) Pyridine	3.881	79	483102	27.852	ng/ul	96
6) Benzaldehyde	7.222	77	420633	52.389	ng/ul	99
8) Phenol	7.275	94	903296	41.955	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.504	93	679065	38.410	ng/ul	97
12) 2-Chlorophenol	7.651	128	750130	41.650	ng/ul	99
13) 2-Methylphenol	8.534	108	694802	42.171	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.622	45	1176329	36.848	ng/ul	99
16) Acetophenone	8.922	105	1093550	41.494	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.910	70	503764	40.577	ng/ul	95
18) 4-Methylphenol	8.869	108	764853	42.913	ng/ul	99
19) Hexachloroethane	9.175	117	293476	40.760	ng/ul	93
22) Nitrobenzene	9.304	77	742278	42.031	ng/ul	97
23) Isophorone	9.839	82	1426616	44.083	ng/ul	98
25) 2-Nitrophenol	10.022	139	411944	45.683	ng/ul	100
26) 2,4-Dimethylphenol	10.075	107	782623	44.880	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.316	93	886831	41.224	ng/ul	99
29) 2,4-Dichlorophenol	10.557	162	688544	42.956	ng/ul	99
30) Naphthalene	10.963	128	4614340	82.484	ng/ul	99
32) 4-Chloroaniline	11.075	127	644629	28.665	ng/ul	97
33) Hexachlorobutadiene	11.239	225	438222	41.559	ng/ul	98
34) Caprolactam	11.875	113	187452	45.590	ng/ul	85
35) 4-Chloro-3-methylphenol	12.186	107	640586	43.905	ng/ul	95
36) 2-Methylnaphthalene	12.563	142	2852003	78.602	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.780	142	1716762	46.272	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.922	216	765913	44.930	ng/ul	98
40) Hexachlorocyclopentadiene	12.898	237	144746	14.843	ng/ul	99
41) 2,4,6-Trichlorophenol	13.163	196	494458	47.620	ng/ul	96
42) 2,4,5-Trichlorophenol	13.233	196	515054	47.562	ng/ul	99
43) 1,1'-Biphenyl	13.557	154	2356156	56.184	ng/ul	99
44) 2-Chloronaphthalene	13.604	162	1442657	44.594	ng/ul	98
45) 2-Nitroaniline	13.810	65	373326	47.893	ng/ul	92
47) Dimethylphthalate	14.174	163	1655137	45.102	ng/ul	99
48) 2,6-Dinitrotoluene	14.298	165	338353	47.467	ng/ul	99
50) Acenaphthylene	14.445	152	3728168	74.584	ng/ul	98
51) 3-Nitroaniline	14.627	138	345774	48.619	ng/ul	99
52) Acenaphthene	14.786	153	3191093	92.297	ng/ul	100
53) 2,4-Dinitrophenol	14.833	184	103805	29.677	ng/ul	97
55) 4-Nitrophenol	14.939	109	173426	41.485	ng/ul	97
56) Dibenzofuran	15.121	168	5637066	119.421	ng/ul	96
57) 2,4-Dinitrotoluene	15.080	165	432700	44.824	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.339	232	387889	42.582	ng/ul	94
59) Diethylphthalate	15.527	149	1572630	43.017	ng/ul	98
61) Fluorene	15.768	166	6813503	176.995	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.751	204	715772	38.047	ng/ul	94
63) 4-Nitroaniline	15.786	138	369758	57.340	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.851	198	152797	33.621	ng/ul	97
67) N-Nitrosodiphenylamine	15.968	169	1304100	49.236	ng/ul	98
68) 4-Bromophenyl-phenylether	16.645	248	449500	46.700	ng/ul	96
69) Hexachlorobenzene	16.768	284	497123	43.268	ng/ul	94
70) Atrazine	16.921	200	274563	30.334	ng/ul	98
71) Pentachlorophenol	17.121	266	407070	63.725	ng/ul	99
72) Phenanthrene	17.521	178	16845585	351.309	ng/ul	97
74) Anthracene	17.610	178	40661068m	834.412	ng/ul	
75) 1,2,3,4-Tetrachloroben...	13.527	216	740256	52.148	ng/uL	99
76) Pentachlorobenzene	15.039	250	650841	46.285	ng/uL	99
77) Carbazole	17.892	167	14413974	341.411	ng/ul	95
78) Di-n-butylphthalate	18.415	149	2430910	48.441	ng/ul	99
80) Fluoranthene	19.527	202	21969360m	560.223	ng/ul	
82) Pyrene	19.892	202	25377943m	621.810	ng/ul	
83) Butylbenzylphthalate	20.756	149	983007	64.773	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.556	252	570419	52.113	ng/ul#	96
85) Benzo(a)anthracene	21.633	228	12886048	346.024	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.521	149	1414718	64.079	ng/ul	98
87) Chrysene	21.697	228	16233434	464.601	ng/ul	95
89) Di-n-octyl phthalate	22.474	149	2468525m	42.346	ng/ul	
90) Benzo(b)fluoranthene	23.403	252	21767370m	385.931	ng/ul	
91) Benzo(k)fluoranthene	23.444	252	7477595m	136.796	ng/ul	
93) Benzo(a)pyrene	24.056	252	11504678m	231.956	ng/ul	
94) Indeno(1,2,3-cd)pyrene	26.785	276	8965579m	140.355	ng/ul	
95) Dibenzo(a,h)anthracene	26.791	278	3693734m	68.592	ng/ul	
96) Benzo(g,h,i)perylene	27.591	276	7264812m	142.446	ng/ul	

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

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