Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041321\
Data File : BM029457.D
Acq On : 13 Apr 2021 10:35
Operator : CG/JU
Sample : PB135562BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SLCS562

Manual Integrations APPROVED
mohammad
4/14/2021 2:35:03 PM

Quant Time: Apr 14 03:06:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM041221.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 12 15:46:03 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	78219	20.00	ng/ul	0.00
20) Naphthalene-d8	10.46	136	323004	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.32	164	188625	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.06	188	360294	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	333638	20.00	ng/ul	0.00
87) Perylene-d12	23.44	264	331119	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	15203	7.05	ng/uL	0.00
4) Pyridine-d5	3.59	84	197271	34.51	ng/ul	0.00
7) Phenol-d5	6.85	99	261489	36.51	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.02	67	172784	36.97	ng/ul	0.00
11) 2-Chlorophenol-d4	7.22	132	206696	38.53	ng/ul	0.00
15) 4-Methylphenol-d8	8.39	113	204538	37.34	ng/ul	0.00
21) Nitrobenzene-d5	8.83	128	94142	37.65	ng/ul	0.00
24) 2-Nitrophenol-d4	9.55	143	101665	37.34	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.09	165	195800	38.24	ng/ul	0.00
31) 4-Chloroaniline-d4	10.60	131	228503	31.36	ng/ul	0.00
46) Dimethylphthalate-d6	13.73	166	576963	39.68	ng/ul	0.00
49) Acenaphthylene-d8	14.01	160	720001	41.50	ng/ul	0.00
54) 4-Nitrophenol-d4	14.52	143	104989	37.74	ng/ul	0.00
60) Fluorene-d10	15.31	176	466965	39.01	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.43	200	89598	38.33	ng/ul	0.00
73) Anthracene-d10	17.16	188	710948	40.83	ng/ul	0.00
80) Pyrene-d10	19.45	212	736694	41.66	ng/ul	0.00
91) Benzo(a)pyrene-d12	23.31	264	742930	41.14	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	30626	13.726	ng/uL	95
5) Pyridine	3.61	79	214602	35.027	ng/ul	97
6) Benzaldehyde	6.83	77	155072	38.905	ng/ul	98
8) Phenol	6.88	94	271842	35.758	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.11	93	206417	35.739	ng/ul	98
12) 2-Chlorophenol	7.25	128	213799	37.394	ng/ul	97
13) 2-Methylphenol	8.12	108	194561	35.520	ng/ul	100
14) 2,2'-oxybis(1-Chloropropan	8.21	45	332124	36.753	ng/ul	99
16) Acetophenone	8.50	105	328156	36.105	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.49	70	192159	38.679	ng/ul	97
18) 4-Methylphenol	8.45	108	216603	36.706	ng/ul	97
19) Hexachloroethane	8.75	117	98780	38.248	ng/ul	93
22) Nitrobenzene	8.87	77	280547	36.874	ng/ul	98
23) Isophorone	9.40	82	489480	37.859	ng/ul	98
25) 2-Nitrophenol	9.58	139	113232	37.156	ng/ul	98
26) 2,4-Dimethylphenol	9.65	107	248078	37.051	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.88	93	281926	37.311	ng/ul	99
29) 2,4-Dichlorophenol	10.11	162	191897	37.481	ng/ul	99
30) Naphthalene	10.51	128	657334	36.550	ng/ul	99
32) 4-Chloroaniline	10.62	127	231390	30.766	ng/ul	97
33) Hexachlorobutadiene	10.80	225	111626	36.886	ng/ul	96
34) Caprolactam	11.40	113	62878m	39.510	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.75	107	220827	38.823	ng/ul	98
36) 2-Methylnaphthalene	12.13	142	457036	37.037	ng/ul	97
37) 1-Methylnaphthalene	12.35	142	452024	36.670	ng/ul	97
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	201636	36.528	ng/ul	96
40) Hexachlorocyclopentadiene	12.48	237	127720	33.504	ng/ul	98
41) 2,4,6-Trichlorophenol	12.75	196	140504	37.597	ng/ul	98
42) 2,4,5-Trichlorophenol	12.82	196	149952	37.390	ng/ul	100
43) 1,1'-Biphenyl	13.15	154	584499	36.495	ng/ul	99
44) 2-Chloronaphthalene	13.19	162	446363	36.504	ng/ul	100
45) 2-Nitroaniline	13.40	65	168347	39.943	ng/ul	97
47) Dimethylphthalate	13.78	163	589213	39.557	ng/ul	100
48) 2,6-Dinitrotoluene	13.90	165	117134	40.771	ng/ul	98
50) Acenaphthylene	14.04	152	686712	37.583	ng/ul	99
51) 3-Nitroaniline	14.23	138	103689	33.402	ng/ul	97
52) Acenaphthene	14.38	153	502098	37.362	ng/ul	99
53) 2,4-Dinitrophenol	14.43	184	65933	37.089	ng/ul	96
55) 4-Nitrophenol	14.53	109	108552	38.498	ng/ul	99
56) Dibenzofuran	14.72	168	679596	38.125	ng/ul	98
57) 2,4-Dinitrotoluene	14.69	165	169624	41.723	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.95	232	122774	39.294	ng/ul	99
59) Diethylphthalate	15.15	149	631022	40.562	ng/ul	99
61) Fluorene	15.37	166	587083	38.629	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.37	204	263587	38.809	ng/ul	98
63) 4-Nitroaniline	15.39	138	119072	39.476	ng/ul	96
66) 4,6-Dinitro-2-methylphenol	15.45	198	90981	37.560	ng/ul	100
67) N-Nitrosodiphenylamine	15.58	169	495963	39.638	ng/ul	99
68) 4-Bromophenyl-phenylether	16.26	248	146457	40.239	ng/ul	98
69) Hexachlorobenzene	16.37	284	165801	40.437	ng/ul	97
70) Atrazine	16.53	200	175764	39.365	ng/ul	97
71) Pentachlorophenol	16.71	266	100623	38.186	ng/ul	96
72) Phenanthrene	17.10	178	869444	39.127	ng/ul	99
74) Anthracene	17.19	178	905281	39.751	ng/ul	99
75) Pentachlorobenzene	14.64	250	189707	35.514	ng/uL	99
76) Carbazole	17.46	167	803795	38.229	ng/ul	100
77) Di-n-butylphthalate	18.03	149	1114236	43.980	ng/ul	100
79) Fluoranthene	19.12	202	936635	40.270	ng/ul	99
81) Pyrene	19.48	202	988232	40.144	ng/ul	99
82) Butylbenzylphthalate	20.39	149	495737	44.955	ng/ul	99
83) 3,3'-Dichlorobenzidine	21.16	252	284238	38.876	ng/ul	97
84) Benzo(a)anthracene	21.23	228	912034	41.132	ng/ul	99
85) Bis(2-ethylhexyl)phthalate	21.16	149	822667	47.715	ng/ul	99
86) Chrysene	21.27	228	875993	40.905	ng/ul	99
88) Di-n-octyl phthalate	22.03	149	1337715	42.714	ng/ul	100
89) Benzo(b)fluoranthene	22.79	252	917508	41.034	ng/ul	100
90) Benzo(k)fluoranthene	22.83	252	874797	39.049	ng/ul	99
92) Benzo(a)pyrene	23.36	252	793035	39.980	ng/ul	99
93) Indeno(1,2,3-cd)pyrene	25.67	276	1013173	40.234	ng/ul	99
94) Dibenzo(a,h)anthracene	25.69	278	862768	40.717	ng/ul	100
95) Benzo(g,h,i)perylene	26.35	276	811830	39.845	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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