Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051821\
Data File : BM030064.D
Acq On : 18 May 2021 13:01
Operator : CG/JU
Sample : PB136458BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS458

Manual Integrations APPROVED
mohammad
5/19/2021 11:38:38 AM

Quant Time: May 18 16:46:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 18 16:38:21 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	153252	20.00	ng/ul	0.00
20) Naphthalene-d8	10.29	136	717485	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.17	164	487451	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.92	188	1005906	20.00	ng/ul	0.00
79) Chrysene-d12	21.12	240	1075726	20.00	ng/ul	0.00
88) Perylene-d12	23.26	264	1030068	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	19001	4.95	ng/uL	0.00
4) Pyridine-d5	3.45	84	128947	13.42	ng/ul	0.00
7) Phenol-d5	6.70	99	292713	20.54	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.87	67	188383	21.32	ng/ul	0.00
11) 2-Chlorophenol-d4	7.05	132	238753	21.71	ng/ul	0.00
15) 4-Methylphenol-d8	8.24	113	245167	20.80	ng/ul	0.00
21) Nitrobenzene-d5	8.67	128	115512	23.36	ng/ul	0.00
24) 2-Nitrophenol-d4	9.39	143	128820	23.08	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.93	165	256713	22.94	ng/ul	0.00
31) 4-Chloroaniline-d4	10.44	131	320492	18.82	ng/ul	0.00
46) Dimethylphthalate-d6	13.59	166	787852	20.85	ng/ul	0.00
49) Acenaphthylene-d8	13.86	160	985967	20.59	ng/ul	0.00
54) 4-Nitrophenol-d4	14.40	143	125162	20.34	ng/ul	0.00
60) Fluorene-d10	15.17	176	668888	20.85	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.31	200	148444	22.72	ng/ul	0.00
73) Anthracene-d10	17.02	188	1040049	20.53	ng/ul	0.00
81) Pyrene-d10	19.32	212	1154234	20.92	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.13	264	1227044	21.01	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.06	88	58923	14.189	ng/uL#	91
5) Pyridine	3.46	79	343183	34.823	ng/ul	91
6) Benzaldehyde	6.67	77	308045	41.872	ng/ul	98
8) Phenol	6.73	94	561523	38.591	ng/ul	97
10) Bis(2-Chloroethyl)ether	6.96	93	429690	37.348	ng/ul	98
12) 2-Chlorophenol	7.09	128	444209	39.599	ng/ul	99
13) 2-Methylphenol	7.97	108	427709	38.796	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.05	45	743220	42.886	ng/ul	96
16) Acetophenone	8.35	105	716694	37.892	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.33	70	411500	42.522	ng/ul	96
18) 4-Methylphenol	8.30	108	480540	39.319	ng/ul	97
19) Hexachloroethane	8.57	117	187026	39.462	ng/ul	98
22) Nitrobenzene	8.72	77	553325	42.948	ng/ul	97
23) Isophorone	9.24	82	1106612	40.608	ng/ul	98
25) 2-Nitrophenol	9.42	139	263833	43.546	ng/ul	98
26) 2,4-Dimethylphenol	9.49	107	552542	40.417	ng/ul	98
27) Bis(2-Chloroethoxy)methane	9.73	93	649617	40.700	ng/ul	100
29) 2,4-Dichlorophenol	9.95	162	446652	40.644	ng/ul	99
30) Naphthalene	10.34	128	1492907	37.487	ng/ul	99
32) 4-Chloroaniline	10.46	127	579657	33.040	ng/ul	99
33) Hexachlorobutadiene	10.62	225	276466	37.521	ng/ul	98
34) Caprolactam	11.26	113	156598m	40.153	ng/ul	

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35) 4-Chloro-3-methylphenol	11.60	107	518992	42.675	ng/ul	99
36) 2-Methylnaphthalene	11.96	142	1106183	38.291	ng/ul	99
37) 1-Methylnaphthalene	12.19	142	1088144	38.008	ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	12.34	216	566170	37.587	ng/ul	98
40) Hexachlorocyclopentadiene	12.32	237	277948	35.523	ng/ul	100
41) 2,4,6-Trichlorophenol	12.59	196	384150	41.822	ng/ul	99
42) 2,4,5-Trichlorophenol	12.67	196	410036	42.179	ng/ul	99
43) 1,1'-Biphenyl	13.00	154	1443241	38.088	ng/ul	98
44) 2-Chloronaphthalene	13.03	162	1126018	38.722	ng/ul	100
45) 2-Nitroaniline	13.26	65	371630	50.562	ng/ul	96
47) Dimethylphthalate	13.64	163	1492505	39.450	ng/ul	99
48) 2,6-Dinitrotoluene	13.76	165	315411	46.442	ng/ul	96
50) Acenaphthylene	13.89	152	1714085	37.015	ng/ul	98
51) 3-Nitroaniline	14.10	138	287003	37.617	ng/ul	95
52) Acenaphthene	14.23	153	1257493	38.423	ng/ul	99
53) 2,4-Dinitrophenol	14.32	184	171824	37.184	ng/ul	97
55) 4-Nitrophenol	14.42	109	187513	39.630	ng/ul	95
56) Dibenzofuran	14.57	168	1741916	38.860	ng/ul	98
57) 2,4-Dinitrotoluene	14.56	165	460007	45.772	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	14.81	232	368577	39.816	ng/ul	98
59) Diethylphthalate	15.02	149	1589296	40.277	ng/ul	100
61) Fluorene	15.23	166	1500104	39.146	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.23	204	745492	39.591	ng/ul	98
63) 4-Nitroaniline	15.27	138	307955m	40.719	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.33	198	271804	42.269	ng/ul#	94
67) N-Nitrosodiphenylamine	15.44	169	1268250	38.812	ng/ul	99
68) 4-Bromophenyl-phenylether	16.12	248	448908	40.093	ng/ul	95
69) Hexachlorobenzene	16.23	284	514455	38.692	ng/ul	96
70) Atrazine	16.40	200	472519	39.194	ng/ul	99
71) Pentachlorophenol	16.58	266	298262	39.149	ng/ul	98
72) Phenanthrene	16.96	178	2304406	38.852	ng/ul	99
74) Anthracene	17.06	178	2351766	38.784	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	12.96	216	580302	36.470	ng/uL	98
76) Pentachlorobenzene	14.49	250	567302	37.386	ng/uL	100
77) Carbazole	17.33	167	2072070	37.295	ng/ul	100
78) Di-n-butylphthalate	17.90	149	2845933	43.156	ng/ul	100
80) Fluoranthene	18.99	202	2713602	40.404	ng/ul	99
82) Pyrene	19.34	202	2799401	39.607	ng/ul	99
83) Butylbenzylphthalate	20.26	149	1318660	52.499	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.04	252	1036732	42.362	ng/ul	99
85) Benzo(a)anthracene	21.10	228	2820870	40.192	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.04	149	2165843	50.010	ng/ul	100
87) Chrysene	21.15	228	2725665	38.992	ng/ul	99
89) Di-n-octyl phthalate	21.90	149	3590263	45.548	ng/ul	100
90) Benzo(b)fluoranthene	22.62	252	2885832	43.191	ng/ul	99
91) Benzo(k)fluoranthene	22.67	252	2830398	40.293	ng/ul	100
93) Benzo(a)pyrene	23.17	252	2496895	41.147	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.40	276	3047445	41.492	ng/ul	99
95) Dibenzo(a,h)anthracene	25.41	278	2582883	41.487	ng/ul	100
96) Benzo(g,h,i)perylene	26.05	276	2379195	39.981	ng/ul	99

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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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