Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081321\
Data File : BP006671.D
Acq On : 13 Aug 2021 12:14
Operator : CG/JU
Sample : M2250-01
Misc : SFAM-MDL-WATER-01
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT3-2021-05

Manual Integrations APPROVED
mohammad
8/16/2021 8:03:00 AM

Quant Time: Aug 13 11:58:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 13 10:35:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	142998	20.000	ng/ul	0.00
20) Naphthalene-d8	10.493	136	615103	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.351	164	360310	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.110	188	728047	20.000	ng/ul	0.00
79) Chrysene-d12	21.216	240	720206	20.000	ng/ul	0.00
88) Perylene-d12	23.533	264	750503	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	20891	4.941	ng/uL	0.00
4) Pyridine-d5	3.628	84	211385	17.393	ng/ul	0.00
7) Phenol-d5	6.887	99	319733	22.241	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.052	67	217249	24.591	ng/ul	0.00
11) 2-Chlorophenol-d4	7.240	132	256374	23.946	ng/ul	0.00
15) 4-Methylphenol-d8	8.422	113	246749	21.485	ng/ul	0.00
21) Nitrobenzene-d5	8.863	128	123921	23.734	ng/ul	0.00
24) 2-Nitrophenol-d4	9.581	143	126476	23.149	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	211657	22.929	ng/ul	0.00
31) 4-Chloroaniline-d4	10.640	131	326735	21.778	ng/ul	0.00
46) Dimethylphthalate-d6	13.775	166	690193	24.978	ng/ul	0.00
49) Acenaphthylene-d8	14.039	160	835011	24.636	ng/ul	0.00
54) 4-Nitrophenol-d4	14.563	143	124649	21.596	ng/ul	0.00
60) Fluorene-d10	15.345	176	556336	24.756	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	92340	19.188	ng/ul	0.00
73) Anthracene-d10	17.210	188	856669	24.869	ng/ul	0.00
81) Pyrene-d10	19.457	212	915500	24.206	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.380	264	1029929	25.448	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	5398	1.257	ng/uL#	89
5) Pyridine	3.646	79	50080	3.980	ng/ul#	81
6) Benzaldehyde	6.857	77	40461	5.724	ng/ul	99
8) Phenol	6.916	94	59411	4.047	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.146	93	47148	4.166	ng/ul	96
12) 2-Chlorophenol	7.269	128	45136	4.181	ng/ul	97
13) 2-Methylphenol	8.157	108	41968	3.885	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.246	45	55138	4.170	ng/ul	98
16) Acetophenone	8.534	105	74573	4.125	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.522	70	39705	4.083	ng/ul	99
18) 4-Methylphenol	8.487	108	45734	3.894	ng/ul	100
19) Hexachloroethane	8.775	117	20356	4.333	ng/ul	95
22) Nitrobenzene	8.904	77	60452	4.422	ng/ul	99
23) Isophorone	9.434	82	105068	4.122	ng/ul	100
25) 2-Nitrophenol	9.610	139	23595	4.095	ng/ul	98
26) 2,4-Dimethylphenol	9.681	107	51484	4.159	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.922	93	62312	4.217	ng/ul	98
29) 2,4-Dichlorophenol	10.146	162	37879	4.230	ng/ul	96
30) Naphthalene	10.540	128	143987	4.313	ng/ul	99
32) 4-Chloroaniline	10.663	127	60969	4.141	ng/ul	98
33) Hexachlorobutadiene	10.822	225	23318	4.416	ng/ul	97
34) Caprolactam	11.475	113	12853m	3.585	ng/ul	
35) 4-Chloro-3-methylphenol	11.793	107	44122	3.852	ng/ul	98
36) 2-Methylnaphthalene	12.163	142	96412	4.203	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.381	142	95153	4.168	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.534	216	42460	4.373	ng/ul	98
40)	Hexachlorocyclopentadiene	12.504	237	22652	3.556	ng/ul#	97
41)	2,4,6-Trichlorophenol	12.775	196	25974	3.895	ng/ul	98
42)	2,4,5-Trichlorophenol	12.845	196	27972	3.940	ng/ul	93
43)	1,1'-Biphenyl	13.181	154	120479	4.301	ng/ul	97
44)	2-Chloronaphthalene	13.222	162	91653	4.313	ng/ul	99
45)	2-Nitroaniline	13.434	65	25608	3.342	ng/ul	97
47)	Dimethylphthalate	13.816	163	121649	4.451	ng/ul	99
48)	2,6-Dinitrotoluene	13.939	165	17373	3.293	ng/ul	95
50)	Acenaphthylene	14.069	152	146504	4.422	ng/ul	98
51)	3-Nitroaniline	14.269	138	20925	3.464	ng/ul	97
52)	Acenaphthene	14.416	153	100937	4.273	ng/ul	98
53)	2,4-Dinitrophenol	14.475	184	11773	3.451	ng/ul	94
55)	4-Nitrophenol	14.581	109	21915	4.234	ng/ul	95
56)	Dibenzofuran	14.751	168	137136	4.341	ng/ul	99
57)	2,4-Dinitrotoluene	14.728	165	28379	3.657	ng/ul	95
58)	2,3,4,6-Tetrachlorophenol	14.981	232	23837	4.045	ng/ul	93
59)	Diethylphthalate	15.192	149	125980	4.337	ng/ul	100
61)	Fluorene	15.404	166	115707	4.393	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.404	204	52775	4.426	ng/ul	98
63)	4-Nitroaniline	15.434	138	21452	3.792	ng/ul	91
66)	4,6-Dinitro-2-methylph...	15.492	198	17195	3.574	ng/ul#	92
67)	N-Nitrosodiphenylamine	15.622	169	97576	4.363	ng/ul	96
68)	4-Bromophenyl-phenylether	16.304	248	29889	4.163	ng/ul	97
69)	Hexachlorobenzene	16.404	284	35305	4.351	ng/ul	96
70)	Atrazine	16.586	200	28624	3.608	ng/ul	98
71)	Pentachlorophenol	16.757	266	18202	3.424	ng/ul	91
72)	Phenanthrene	17.151	178	176991	4.303	ng/ul	98
74)	Anthracene	17.239	178	182939	4.380	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.140	216	40785	4.120	ng/uL	99
76)	Pentachlorobenzene	14.669	250	39781	4.078	ng/uL	98
77)	Carbazole	17.522	167	161828	4.148	ng/ul	99
78)	Di-n-butylphthalate	18.086	149	195279	3.872	ng/ul	98
80)	Fluoranthene	19.127	202	192760	4.055	ng/ul	98
82)	Pyrene	19.486	202	210463	4.287	ng/ul	97
83)	Butylbenzylphthalate	20.374	149	89584	3.691	ng/ul	98
84)	3,3'-Dichlorobenzidine	21.139	252	56316	3.427	ng/ul	96
85)	Benzo(a)anthracene	21.198	228	200555	4.275	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.139	149	139574	3.731	ng/ul	98
87)	Chrysene	21.251	228	194877	4.309	ng/ul	98
89)	Di-n-octyl phthalate	22.045	149	242463	3.737	ng/ul	100
90)	Benzo(b)fluoranthene	22.827	252	203105	4.166	ng/ul	99
91)	Benzo(k)fluoranthene	22.874	252	196484	4.163	ng/ul	97
93)	Benzo(a)pyrene	23.427	252	177974	4.030	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	25.915	276	239190	4.142	ng/ul	99
95)	Dibenzo(a,h)anthracene	25.933	278	202807	4.181	ng/ul	98
96)	Benzo(g,h,i)perylene	26.651	276	200400	4.180	ng/ul	97

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

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