Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112520\
Data File : BN012739.D
Acq On : 25 Nov 2020 19:43
Operator : CG/JU
Sample : L4485-08
Misc : MDL-WATER-01
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-01

Manual Integrations APPROVED
mohammad
11/27/2020 11:46:27 AM

Quant Time: Nov 26 01:44:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN112520.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 25 18:19:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	104606	20.00	ng/ul	0.00
20) Naphthalene-d8	10.19	136	428264	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.08	164	275589	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.84	188	587477	20.00	ng/ul	0.00
79) Chrysene-d12	21.06	240	610524	20.00	ng/ul	0.00
88) Perylene-d12	23.17	264	695313	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.96	96	14011	4.82	ng/uL	0.00
4) Pyridine-d5	3.36	84	196203	24.99	ng/ul	0.00
7) Phenol-d5	6.61	99	329476	35.18	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.78	67	214794	36.77	ng/ul	0.00
11) 2-Chlorophenol-d4	6.96	132	267173	36.29	ng/ul	0.00
15) 4-Methylphenol-d8	8.13	113	272499	35.73	ng/ul	0.00
21) Nitrobenzene-d5	8.57	128	131077	38.25	ng/ul	0.00
24) 2-Nitrophenol-d4	9.29	143	143818	38.02	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.82	165	253426	35.27	ng/ul	0.00
31) 4-Chloroaniline-d4	10.34	131	352107	35.03	ng/ul	0.00
46) Dimethylphthalate-d6	13.50	166	862994	38.51	ng/ul	0.00
49) Acenaphthylene-d8	13.77	160	1029174	39.36	ng/ul	0.00
54) 4-Nitrophenol-d4	14.30	143	136653	34.47	ng/ul	0.00
60) Fluorene-d10	15.09	176	710791	37.57	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.22	200	135270	33.68	ng/ul	0.00
73) Anthracene-d10	16.94	188	1094931	37.30	ng/ul	0.00
81) Pyrene-d10	19.25	212	1204809	39.58	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.04	264	1313905	34.98	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.00	88	3023	1.001	ng/uL#	85
5) Pyridine	3.39	79	29061	3.593	ng/ul#	37
6) Benzaldehyde	6.58	77	24856	5.916	ng/ul	95
8) Phenol	6.63	94	33819	3.461	ng/ul	94
10) Bis(2-Chloroethyl)ether	6.87	93	27340	3.519	ng/ul	98
12) 2-Chlorophenol	6.99	128	27134	3.580	ng/ul	93
13) 2-Methylphenol	7.88	108	20745	2.855	ng/ul	90
14) 2,2'-oxybis(1-Chloropropan	7.96	45	38266	3.493	ng/ul#	93
16) Acetophenone	8.25	105	40111	3.167	ng/ul	92
17) N-Nitroso-di-n-propylamine	8.23	70	22400	3.412	ng/ul	97
18) 4-Methylphenol	8.20	108	25159	3.179	ng/ul	84
19) Hexachloroethane	8.47	117	12020	3.299	ng/ul	94
22) Nitrobenzene	8.62	77	34454	3.469	ng/ul	99
23) Isophorone	9.14	82	59521	3.418	ng/ul	96
25) 2-Nitrophenol	9.32	139	14313	3.467	ng/ul	94
26) 2,4-Dimethylphenol	9.39	107	29978	3.357	ng/ul	97
27) Bis(2-Chloroethoxy)methane	9.63	93	33012	3.292	ng/ul	97
29) 2,4-Dichlorophenol	9.85	162	25024	3.529	ng/ul	85
30) Naphthalene	10.23	128	85557	3.515	ng/ul	98
32) 4-Chloroaniline	10.36	127	33422	3.412	ng/ul	100
33) Hexachlorobutadiene	10.52	225	17395	3.606	ng/ul#	84
34) Caprolactam	11.17	113	6069m	2.624	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.49	107	25503	3.133	ng/ul	99
36) 2-Methylnaphthalene	11.86	142	57040	3.323	ng/ul	96
37) 1-Methylnaphthalene	12.09	142	55302	3.342	ng/ul#	86
39) 1,2,4,5-Tetrachlorobenzene	12.25	216	29966	3.456	ng/ul	93
40) Hexachlorocyclopentadiene	12.22	237	12787	2.418	ng/ul	100
41) 2,4,6-Trichlorophenol	12.50	196	16056	2.907	ng/ul#	81
42) 2,4,5-Trichlorophenol	12.57	196	18905m	3.141	ng/ul	
43) 1,1'-Biphenyl	12.90	154	79569	3.559	ng/ul	96
44) 2-Chloronaphthalene	12.94	162	60832	3.442	ng/ul	96
45) 2-Nitroaniline	13.16	65	15827	2.735	ng/ul	96
47) Dimethylphthalate	13.55	163	82386	3.591	ng/ul	99
48) 2,6-Dinitrotoluene	13.67	165	13423	2.957	ng/ul	95
50) Acenaphthylene	13.80	152	93044	3.464	ng/ul	99
51) 3-Nitroaniline	14.00	138	11342	3.058	ng/ul	90
52) Acenaphthene	14.15	153	68507	3.483	ng/ul	98
53) 2,4-Dinitrophenol	14.22	184	4107	1.464	ng/ul#	84
55) 4-Nitrophenol	14.32	109	13845	3.343	ng/ul	86
56) Dibenzofuran	14.49	168	96057	3.532	ng/ul	100
57) 2,4-Dinitrotoluene	14.47	165	20604	3.114	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	14.72	232	16251	3.117	ng/ul	95
59) Diethylphthalate	14.93	149	82420	3.460	ng/ul	95
61) Fluorene	15.14	166	80440	3.500	ng/ul	89
62) 4-Chlorophenyl-phenylether	15.15	204	39832	3.639	ng/ul	93
63) 4-Nitroaniline	15.17	138	13485m	3.595	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.23	198	15305	3.530	ng/ul#	66
67) N-Nitrosodiphenylamine	15.36	169	63048	3.450	ng/ul	97
68) 4-Bromophenyl-phenylether	16.04	248	22330	3.368	ng/ul	93
69) Hexachlorobenzene	16.15	284	28174	3.620	ng/ul	93
70) Atrazine	16.32	200	21097	2.956	ng/ul	96
71) Pentachlorophenol	16.49	266	14096	2.952	ng/ul	88
72) Phenanthrene	16.88	178	127700m	3.565	ng/ul	
74) Anthracene	16.97	178	130394	3.590	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	12.86	216	30123	3.580	ng/uL#	89
76) Pentachlorobenzene	14.40	250	30966	3.478	ng/uL#	91
77) Carbazole	17.25	167	101168	3.171	ng/ul	96
78) Di-n-butylphthalate	17.83	149	123031	3.031	ng/ul	98
80) Fluoranthene	18.91	202	140282	3.516	ng/ul	99
82) Pyrene	19.27	202	156228	3.730	ng/ul	99
83) Butylbenzylphthalate	20.21	149	54760	3.072	ng/ul	98
84) 3,3'-Dichlorobenzidine	20.99	252	46723	3.267	ng/ul	98
85) Benzo(a)anthracene	21.04	228	141376	3.466	ng/ul	96
86) Bis(2-ethylhexyl)phthalate	20.99	149	90719	3.143	ng/ul	100
87) Chrysene	21.09	228	139845m	3.524	ng/ul	
89) Di-n-octyl phthalate	21.84	149	142000	2.622	ng/ul	100
90) Benzo(b)fluoranthene	22.54	252	148118	3.277	ng/ul	98
91) Benzo(k)fluoranthene	22.59	252	155671	3.431	ng/ul	100
93) Benzo(a)pyrene	23.07	252	151836	3.610	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	25.24	276	180634	3.363	ng/ul	99
95) Dibenzo(a,h)anthracene	25.25	278	153246	3.379	ng/ul	96
96) Benzo(g,h,i)perylene	25.87	276	154408	3.479	ng/ul	97

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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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