Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070820\
Data File : BN011122.D
Acq On : 08 Jul 2020 17:18
Operator : CG/JU
Sample : SSTD04055
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD04055

Manual Integrations APPROVED
mohammad
7/9/2020 11:01:00 AM

Quant Time: Jul 08 17:49:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN070820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 08 17:17:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	213573	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	811811	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	466272	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	984454	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	935148	20.00	ng/ul	0.00
86) Perylene-d12	23.24	264	895623	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	90842	22.26	ng/uL	0.00
5) Phenol-d5	6.71	99	639771	37.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	354268	41.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	558118	38.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	498183	35.04	ng/ul	0.00
19) Nitrobenzene-d5	8.65	128	276788	44.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	277550	39.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	518036	37.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	586112	37.40	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	1369520	39.59	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	1735932	40.84	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	226841	33.68	ng/ul	0.00
58) Fluorene-d10	15.13	176	1288957	41.52	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	235294	45.75	ng/ul	0.00
71) Anthracene-d10	16.99	188	1831268	40.16	ng/ul	0.00
79) Pyrene-d10	19.29	212	2023522	38.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.11	264	1917939	41.29	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	96134	22.262	ng/uL	96
4) Benzaldehyde	6.68	77	382777	43.712	ng/ul	99
6) Phenol	6.73	94	696072	39.877	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.96	93	533317	39.680	ng/ul	96
10) 2-Chlorophenol	7.09	128	583152	39.867	ng/ul	99
11) 2-Methylphenol	7.96	108	505874	36.607	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.03	45	350916	41.061	ng/ul	97
14) Acetophenone	8.32	105	848347	39.465	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.32	70	373327	36.258	ng/ul	96
16) 4-Methylphenol	8.28	108	536813	36.315	ng/ul	97
17) Hexachloroethane	8.56	117	286758	47.268	ng/ul	98
20) Nitrobenzene	8.69	77	709745	48.576	ng/ul	97
21) Isophorone	9.21	82	1055732	39.174	ng/ul	98
23) 2-Nitrophenol	9.39	139	306467	40.650	ng/ul	97
24) 2,4-Dimethylphenol	9.46	107	614273	41.314	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.69	93	663581	40.477	ng/ul	99
27) 2,4-Dichlorophenol	9.92	162	531194	39.450	ng/ul	95
28) Naphthalene	10.30	128	1765431	40.465	ng/ul	98
30) 4-Chloroaniline	10.42	127	606438	38.973	ng/ul	96
31) Hexachlorobutadiene	10.60	225	389110	41.513	ng/ul	98
32) Caprolactam	11.20	113	125594m	29.395	ng/ul	
33) 4-Chloro-3-methylphenol	11.56	107	559996	39.690	ng/ul	99
34) 2-Methylnaphthalene	11.92	142	1242995	40.311	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.15	142	1162532	37.669	ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.30	216	658376	42.352	ng/ul	97
38) Hexachlorocyclopentadiene	12.29	237	451771	59.725	ng/ul	97
39) 2,4,6-Trichlorophenol	12.55	196	401012	39.808	ng/ul	98
40) 2,4,5-Trichlorophenol	12.62	196	423997	39.137	ng/ul	95
41) 1,1'-Biphenyl	12.96	154	1534132	42.841	ng/ul	97
42) 2-Chloronaphthalene	12.99	162	1229162	42.463	ng/ul	96
43) 2-Nitroaniline	13.21	65	300289	44.720	ng/ul	91
45) Dimethylphthalate	13.60	163	1449884	40.366	ng/ul	99
46) 2,6-Dinitrotoluene	13.72	165	298028	39.017	ng/ul	93
48) Acenaphthylene	13.85	152	1767169	39.399	ng/ul	98
49) 3-Nitroaniline	14.05	138	270734	37.252	ng/ul	97
50) Acenaphthene	14.20	153	1253478	40.838	ng/ul	97
51) 2,4-Dinitrophenol	14.26	184	163936	45.308	ng/ul	97
53) 4-Nitrophenol	14.37	109	219915	40.330	ng/ul	95
54) Dibenzofuran	14.54	168	1756120	40.870	ng/ul	97
55) 2,4-Dinitrotoluene	14.51	165	418060	38.419	ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	14.77	232	334811	35.366	ng/ul	99
57) Diethylphthalate	14.99	149	1468587	40.667	ng/ul	98
59) Fluorene	15.19	166	1466898	41.637	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.19	204	749580	41.605	ng/ul	99
61) 4-Nitroaniline	15.22	138	286594	34.815	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.28	198	243652	44.056	ng/ul	98
65) N-Nitrosodiphenylamine	15.41	169	1227038	43.025	ng/ul	98
66) 4-Bromophenyl-phenylether	16.09	248	426605	39.690	ng/ul	91
67) Hexachlorobenzene	16.20	284	468576	38.326	ng/ul	98
68) Atrazine	16.37	200	426067	37.823	ng/ul	98
69) Pentachlorophenol	16.55	266	277446	35.547	ng/ul	94
70) Phenanthrene	16.93	178	2239351	40.961	ng/ul	99
72) Anthracene	17.02	178	2298730	41.480	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.92	216	628742	40.268	ng/uL	99
74) Pentachlorobenzene	14.46	250	573016	37.649	ng/uL	98
75) Carbazole	17.29	167	1879058	41.279	ng/ul	100
76) Di-n-butylphthalate	17.88	149	2301668	40.139	ng/ul	99
77) Fluoranthene	18.96	202	2631532	44.302	ng/ul	100
80) Pyrene	19.32	202	2634249	38.987	ng/ul	98
81) Butylbenzylphthalate	20.25	149	977105	33.527	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.03	252	748008	37.112	ng/ul	96
83) Benzo(a)anthracene	21.09	228	2471716	38.101	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.05	149	1507530	35.814	ng/ul	99
85) Chrysene	21.14	228	2386351	39.123	ng/ul	99
87) Di-n-octyl phthalate	21.91	149	2498716	39.223	ng/ul	100
88) Benzo(b)fluoranthene	22.61	252	2335403	39.961	ng/ul	100
89) Benzo(k)fluoranthene	22.65	252	2436426	42.019	ng/ul	96
91) Benzo(a)pyrene	23.14	252	2129447	41.011	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.34	276	2668654	45.661	ng/ul	97
93) Dibenzo(a,h)anthracene	25.34	278	2243017	45.695	ng/ul	99
94) Benzo(g,h,i)perylene	25.97	276	2190334	45.285	ng/ul	97

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

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