Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052521\
Data File : BN014725.D
Acq On : 24 May 2021 23:22
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SICV058

Manual Integrations APPROVED
mohammad
5/25/2021 11:18:54 AM

Quant Time: May 25 02:03:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN052521.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 25 01:58:39 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	226917	20.00	ng/ul	0.00
20) Naphthalene-d8	10.50	136	940627	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.36	164	719909	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.12	188	1762898	20.00	ng/ul	0.00
79) Chrysene-d12	21.32	240	2158041	20.00	ng/ul	0.00
88) Perylene-d12	23.58	264	2546165	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	45363	8.14	ng/uL	0.00
4) Pyridine-d5	3.63	84	266100	18.96	ng/ul	0.00
7) Phenol-d5	6.89	99	413269	18.60	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.05	67	212684	19.25	ng/ul	0.00
11) 2-Chlorophenol-d4	7.25	132	275074	19.99	ng/ul	0.00
15) 4-Methylphenol-d8	8.42	113	324215	18.77	ng/ul	0.00
21) Nitrobenzene-d5	8.86	128	135908	19.18	ng/ul	0.00
24) 2-Nitrophenol-d4	9.59	143	148125	19.45	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.12	165	321504	18.51	ng/ul	0.00
31) 4-Chloroaniline-d4	10.63	131	386699	18.89	ng/ul	0.00
46) Dimethylphthalate-d6	13.77	166	1108666	19.38	ng/ul	0.00
49) Acenaphthylene-d8	14.05	160	1266649	19.15	ng/ul	0.00
54) 4-Nitrophenol-d4	14.57	143	168640	18.56	ng/ul	0.00
60) Fluorene-d10	15.36	176	936275	19.00	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.48	200	189145m	19.62	ng/ul	0.00
73) Anthracene-d10	17.22	188	1586644	19.27	ng/ul	0.00
81) Pyrene-d10	19.52	212	1973039	19.39	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.43	264	2657969	19.60	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	46725	7.142	ng/uL#	71
5) Pyridine	3.65	79	279102	18.979	ng/ul	97
6) Benzaldehyde	6.86	77	285731	23.881	ng/ul	96
8) Phenol	6.92	94	427470	18.697	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.14	93	340729	19.309	ng/ul	91
12) 2-Chlorophenol	7.28	128	287375	19.953	ng/ul	98
13) 2-Methylphenol	8.16	108	319915	19.054	ng/ul	94
14) 2,2'-oxybis(1-Chloropropan	8.25	45	219945	19.758	ng/ul	96
16) Acetophenone	8.53	105	569228	19.905	ng/ul	93
17) N-Nitroso-di-n-propylamine	8.52	70	287649	20.883	ng/ul#	97
18) 4-Methylphenol	8.48	108	342704	18.715	ng/ul	100
19) Hexachloroethane	8.79	117	138122	19.154	ng/ul	88
22) Nitrobenzene	8.90	77	424031	19.175	ng/ul	99
23) Isophorone	9.43	82	822900	19.597	ng/ul	97
25) 2-Nitrophenol	9.61	139	159097	19.657	ng/ul	86
26) 2,4-Dimethylphenol	9.68	107	467354	18.758	ng/ul	92
27) Bis(2-Chloroethoxy)methane	9.92	93	476840	18.689	ng/ul#	96
29) 2,4-Dichlorophenol	10.15	162	314601	18.890	ng/ul	98
30) Naphthalene	10.55	128	973088	19.033	ng/ul	99
32) 4-Chloroaniline	10.66	127	410541	18.843	ng/ul	95
33) Hexachlorobutadiene	10.84	225	284699	19.118	ng/ul	92
34) Caprolactam	11.47	113	93017m	17.287	ng/ul	

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35) 4-Chloro-3-methylphenol	11.80	107	463741	19.215	ng/ul	98
36) 2-Methylnaphthalene	12.17	142	736740	19.332	ng/ul	100
37) 1-Methylnaphthalene	12.39	142	701517	18.723	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.54	216	513643	18.870	ng/ul	93
40) Hexachlorocyclopentadiene	12.52	237	348960	19.352	ng/ul	98
41) 2,4,6-Trichlorophenol	12.79	196	293285	19.188	ng/ul	93
42) 2,4,5-Trichlorophenol	12.86	196	318720	19.106	ng/ul	97
43) 1,1'-Biphenyl	13.19	154	980239	19.034	ng/ul	98
44) 2-Chloronaphthalene	13.23	162	804313	19.491	ng/ul	98
45) 2-Nitroaniline	13.43	65	265828	21.150	ng/ul	97
47) Dimethylphthalate	13.82	163	1094456	19.347	ng/ul	98
48) 2,6-Dinitrotoluene	13.94	165	210743	20.047	ng/ul	98
50) Acenaphthylene	14.08	152	1197598	19.694	ng/ul	98
51) 3-Nitroaniline	14.26	138	196792	19.292	ng/ul	91
52) Acenaphthene	14.43	153	845659	19.193	ng/ul	97
53) 2,4-Dinitrophenol	14.47	184	152354	19.961	ng/ul	91
55) 4-Nitrophenol	14.59	109	449814	25.824	ng/ul	88
56) Dibenzofuran	14.76	168	1256954	19.177	ng/ul	95
57) 2,4-Dinitrotoluene	14.73	165	331562	19.791	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	14.99	232	332161	19.357	ng/ul	95
59) Diethylphthalate	15.20	149	1061337	19.515	ng/ul	97
61) Fluorene	15.42	166	945341	19.171	ng/ul	90
62) 4-Chlorophenyl-phenylether	15.42	204	567580	19.455	ng/ul	94
63) 4-Nitroaniline	15.43	138	214672	20.718	ng/ul	96
66) 4,6-Dinitro-2-methylphenol	15.49	198	186100	19.729	ng/ul#	87
67) N-Nitrosodiphenylamine	15.63	169	916433	19.300	ng/ul	94
68) 4-Bromophenyl-phenylether	16.31	248	432263	18.830	ng/ul	86
69) Hexachlorobenzene	16.43	284	551717	19.211	ng/ul	94
70) Atrazine	16.59	200	384016	19.558	ng/ul	99
71) Pentachlorophenol	16.77	266	412016	24.919	ng/ul	94
72) Phenanthrene	17.16	178	1762118	19.130	ng/ul	97
74) Anthracene	17.25	178	1753585	18.889	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.15	216	544435	18.690	ng/uL	93
76) Pentachlorobenzene	14.69	250	560618	18.608	ng/uL	96
77) Carbazole	17.52	167	1593232	20.363	ng/ul	100
78) Di-n-butylphthalate	18.10	149	1820298	19.744	ng/ul	97
80) Fluoranthene	19.18	202	2332395	19.438	ng/ul	99
82) Pyrene	19.55	202	2382433	19.308	ng/ul	99
83) Butylbenzylphthalate	20.46	149	840712	20.277	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.23	252	913958	22.463	ng/ul	97
85) Benzo(a)anthracene	21.30	228	2535598	18.849	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.24	149	1207242	20.201	ng/ul	99
87) Chrysene	21.35	228	2544283	18.781	ng/ul	98
89) Di-n-octyl phthalate	22.12	149	2409966	21.394	ng/ul	100
90) Benzo(b)fluoranthene	22.90	252	3178002	20.798	ng/ul	97
91) Benzo(k)fluoranthene	22.94	252	2845754	18.692	ng/ul	98
93) Benzo(a)pyrene	23.48	252	2720672	19.674	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.86	276	3694352	19.498	ng/ul	95
95) Dibenzo(a,h)anthracene	25.88	278	3159813	20.151	ng/ul	97
96) Benzo(g,h,i)perylene	26.57	276	3213241	19.162	ng/ul#	93

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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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