Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN010521\
Data File : BN013329.D
Acq On : 05 Jan 2021 19:10
Operator : CG/JU
Sample : SSTD04054
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD040541

Manual Integrations APPROVED
mohammad
1/6/2021 12:00:56 PM

Quant Time: Jan 06 01:31:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN010521.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 06 00:47:21 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	358721	20.00	ng/ul	0.00
20) Naphthalene-d8	10.38	136	1544746	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.25	164	932565	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.99	188	1911094	20.00	ng/ul	0.00
79) Chrysene-d12	21.19	240	1838877	20.00	ng/ul	0.00
88) Perylene-d12	23.39	264	2016132	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	148560	14.91	ng/uL	0.00
4) Pyridine-d5	3.60	84	995494	36.98	ng/ul	0.00
7) Phenol-d5	6.79	99	1284295	39.99	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.96	67	713715	35.63	ng/ul	0.00
11) 2-Chlorophenol-d4	7.15	132	1090962	43.21	ng/ul	0.00
15) 4-Methylphenol-d8	8.32	113	1049303	40.12	ng/ul	0.00
21) Nitrobenzene-d5	8.76	128	513802	41.57	ng/ul	0.00
24) 2-Nitrophenol-d4	9.47	143	553152	40.54	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.00	165	1039615	40.11	ng/ul	0.00
31) 4-Chloroaniline-d4	10.52	131	1469334	40.52	ng/ul	0.00
46) Dimethylphthalate-d6	13.67	166	2874155	37.90	ng/ul	0.00
49) Acenaphthylene-d8	13.93	160	3617107	40.88	ng/ul	0.00
54) 4-Nitrophenol-d4	14.45	143	573825	42.78	ng/ul	0.00
60) Fluorene-d10	15.24	176	2492876	38.94	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.36	200	425981	32.60	ng/ul	0.00
73) Anthracene-d10	17.09	188	3720860	38.96	ng/ul	0.00
81) Pyrene-d10	19.39	212	3979271	43.41	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.25	264	4278477	39.28	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	154032	14.867	ng/uL	99
5) Pyridine	3.62	79	1007032	36.308	ng/ul	96
6) Benzaldehyde	6.77	77	588288	40.829	ng/ul	97
8) Phenol	6.82	94	1296629	38.695	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.05	93	1029814	38.648	ng/ul	97
12) 2-Chlorophenol	7.19	128	1109170	42.674	ng/ul	98
13) 2-Methylphenol	8.05	108	1012061	40.613	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.15	45	1456176	38.760	ng/ul	98
16) Acetophenone	8.43	105	1559125	35.897	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.43	70	733153	32.561	ng/ul	99
18) 4-Methylphenol	8.38	108	1092865	40.264	ng/ul	98
19) Hexachloroethane	8.68	117	431648	34.546	ng/ul	99
22) Nitrobenzene	8.80	77	1130457	31.555	ng/ul	100
23) Isophorone	9.33	82	2129963	33.914	ng/ul	99
25) 2-Nitrophenol	9.50	139	602989	40.491	ng/ul	98
26) 2,4-Dimethylphenol	9.57	107	1170108	36.323	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.81	93	1360037	37.596	ng/ul	99
29) 2,4-Dichlorophenol	10.03	162	1006266	39.345	ng/ul	99
30) Naphthalene	10.43	128	3460619	39.417	ng/ul	99
32) 4-Chloroaniline	10.54	127	1405408	39.775	ng/ul	99
33) Hexachlorobutadiene	10.72	225	613705	35.274	ng/ul	95
34) Caprolactam	11.32	113	325412m	39.000	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.67	107	1075149	36.623	ng/ul	99
36) 2-Methylnaphthalene	12.05	142	2389781	38.593	ng/ul	99
37) 1-Methylnaphthalene	12.27	142	2288195	38.334	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.42	216	1108717	37.784	ng/ul	99
40) Hexachlorocyclopentadiene	12.40	237	642164	35.892	ng/ul	99
41) 2,4,6-Trichlorophenol	12.66	196	764472	40.907	ng/ul	100
42) 2,4,5-Trichlorophenol	12.73	196	825924	40.550	ng/ul	95
43) 1,1'-Biphenyl	13.07	154	3007645	39.752	ng/ul	99
44) 2-Chloronaphthalene	13.11	162	2347675	39.259	ng/ul	99
45) 2-Nitroaniline	13.32	65	632934	32.317	ng/ul	90
47) Dimethylphthalate	13.72	163	2958368	38.104	ng/ul	99
48) 2,6-Dinitrotoluene	13.82	165	607338	39.535	ng/ul	95
50) Acenaphthylene	13.96	152	3594540	39.549	ng/ul	99
51) 3-Nitroaniline	14.15	138	603337	48.075	ng/ul	99
52) Acenaphthene	14.31	153	2519384	37.849	ng/ul	99
53) 2,4-Dinitrophenol	14.35	184	267428	28.174	ng/ul	94
55) 4-Nitrophenol	14.46	109	429119	30.619	ng/ul	98
56) Dibenzofuran	14.65	168	3425754	37.229	ng/ul	99
57) 2,4-Dinitrotoluene	14.61	165	875612	39.102	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.87	232	703062	39.849	ng/ul	94
59) Diethylphthalate	15.10	149	2981101	36.986	ng/ul	99
61) Fluorene	15.30	166	2752057	35.389	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.30	204	1318967	35.609	ng/ul	98
63) 4-Nitroaniline	15.32	138	587519	46.292	ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.37	198	476605	33.796	ng/ul	98
67) N-Nitrosodiphenylamine	15.51	169	2385016	40.120	ng/ul	99
68) 4-Bromophenyl-phenylether	16.19	248	850156	39.414	ng/ul	98
69) Hexachlorobenzene	16.30	284	939939	37.126	ng/ul	97
70) Atrazine	16.47	200	887984	38.246	ng/ul	97
71) Pentachlorophenol	16.64	266	582663	37.515	ng/ul	99
72) Phenanthrene	17.03	178	4395986	37.727	ng/ul	99
74) Anthracene	17.12	178	4501247	38.093	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.03	216	1109354	40.534	ng/uL	98
76) Pentachlorobenzene	14.56	250	1103746	38.114	ng/uL	95
77) Carbazole	17.39	167	3989468	38.443	ng/ul	99
78) Di-n-butylphthalate	17.99	149	5170948	39.165	ng/ul	99
80) Fluoranthene	19.06	202	5097375	42.422	ng/ul	98
82) Pyrene	19.42	202	5166191	40.947	ng/ul	99
83) Butylbenzylphthalate	20.35	149	2359547	43.947	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.12	252	1542162	35.805	ng/ul	99
85) Benzo(a)anthracene	21.18	228	4763927	38.781	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.15	149	3458471	39.786	ng/ul	97
87) Chrysene	21.23	228	4696144	39.286	ng/ul	99
89) Di-n-octyl phthalate	22.02	149	5923097	37.723	ng/ul	100
90) Benzo(b)fluoranthene	22.73	252	5176862	39.499	ng/ul	98
91) Benzo(k)fluoranthene	22.78	252	5015762	38.125	ng/ul	98
93) Benzo(a)pyrene	23.29	252	4713216	38.646	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.58	276	5967583	38.312	ng/ul	99
95) Dibenzo(a,h)anthracene	25.60	278	4970061	37.798	ng/ul	99
96) Benzo(g,h,i)perylene	26.24	276	5073573	39.425	ng/ul	98

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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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