Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN010820\
Data File : BN009326.D
Acq On : 08 Jan 2020 11:13
Operator : JU
Sample : PB125883BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SLCS883

Manual Integrations APPROVED
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1/9/2020 12:11:20 PM

Quant Time: Jan 08 11:48:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM01-EPA-BN010620.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 06 17:39:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	225691	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	986030	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	660127	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	1409331	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	1244243	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	1174711	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	37720	7.07	ng/uL	0.00
5) Phenol-d5	6.68	99	692123	34.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	491070	35.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	532650	36.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	568831	34.31	ng/ul	0.00
19) Nitrobenzene-d5	8.62	128	272575	37.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.33	143	310367	38.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	558188	36.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.38	131	773068	43.31	ng/ul	0.00
44) Dimethylphthalate-d6	13.54	166	1722702	35.31	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	2087425	35.77	ng/ul	0.00
52) 4-Nitrophenol-d4	14.35	143	328970	35.60	ng/ul	0.00
58) Fluorene-d10	15.12	176	1481091	34.89	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.25	200	309646	34.19	ng/ul	0.00
71) Anthracene-d10	16.96	188	2294354	35.86	ng/ul	0.00
79) Pyrene-d10	19.27	212	2461425	36.39	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	2109789	36.03	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.13	88	81936	14.379	ng/uL	94
4) Benzaldehyde	6.64	77	527645m	46.153	ng/ul	
6) Phenol	6.70	94	689139	32.815	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.92	93	553910	32.967	ng/ul	99
10) 2-Chlorophenol	7.05	128	516515	34.477	ng/ul	97
11) 2-Methylphenol	7.93	108	521410	32.863	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.00	45	1371017	34.369	ng/ul	99
14) Acetophenone	8.29	105	865927	33.117	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.29	70	481446	33.017	ng/ul	97
16) 4-Methylphenol	8.26	108	577927	32.945	ng/ul	97
17) Hexachloroethane	8.53	117	237253	34.636	ng/ul	95
20) Nitrobenzene	8.66	77	720342	35.515	ng/ul	96
21) Isophorone	9.19	82	1321988	33.922	ng/ul	99
23) 2-Nitrophenol	9.36	139	306971	35.562	ng/ul	97
24) 2,4-Dimethylphenol	9.44	107	661788	34.622	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.67	93	788694	33.633	ng/ul	99
27) 2,4-Dichlorophenol	9.89	162	523908	34.629	ng/ul	97
28) Naphthalene	10.28	128	1764724	33.705	ng/ul	99
30) 4-Chloroaniline	10.40	127	723362	40.678	ng/ul	97
31) Hexachlorobutadiene	10.58	225	339630	34.541	ng/ul	96
32) Caprolactam	11.18	113	180515m	33.005	ng/ul	
33) 4-Chloro-3-methylphenol	11.54	107	633101	33.922	ng/ul	99
34) 2-Methylnaphthalene	11.90	142	1248527	33.759	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.13	142	1285534	34.053	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.28	216	637227	33.472	ng/ul	98
38) Hexachlorocyclopentadiene	12.26	237	399098	33.523	ng/ul	100
39) 2,4,6-Trichlorophenol	12.53	196	418160	33.795	ng/ul	98
40) 2,4,5-Trichlorophenol	12.60	196	451204	33.937	ng/ul	99
41) 1,1'-Biphenyl	12.94	154	1639607	33.258	ng/ul	99
42) 2-Chloronaphthalene	12.97	162	1288984	33.348	ng/ul	98
43) 2-Nitroaniline	13.19	65	512400	35.351	ng/ul	99
45) Dimethylphthalate	13.59	163	1677659	33.463	ng/ul	99
46) 2,6-Dinitrotoluene	13.70	165	351594	34.945	ng/ul	98
48) Acenaphthylene	13.83	152	2082042	33.411	ng/ul	100
49) 3-Nitroaniline	14.03	138	355472	39.826	ng/ul	98
50) Acenaphthene	14.18	153	1410234	33.654	ng/ul	97
51) 2,4-Dinitrophenol	14.25	184	200271	31.803	ng/ul	96
53) 4-Nitrophenol	14.36	109	277570	34.959	ng/ul	94
54) Dibenzofuran	14.52	168	1971075	33.986	ng/ul	100
55) 2,4-Dinitrotoluene	14.50	165	508431	34.699	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.75	232	394441	33.883	ng/ul	98
57) Diethylphthalate	14.97	149	1725394	33.071	ng/ul	99
59) Fluorene	15.17	166	1623102	33.233	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.17	204	809345	33.223	ng/ul	98
61) 4-Nitroaniline	15.20	138	382859	37.618	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.27	198	317541	33.354	ng/ul	98
65) N-Nitrosodiphenylamine	15.39	169	1373258	33.339	ng/ul	97
66) 4-Bromophenyl-phenylether	16.07	248	489719	34.032	ng/ul	95
67) Hexachlorobenzene	16.18	284	547019	33.904	ng/ul	96
68) Atrazine	16.36	200	536473	34.252	ng/ul	97
69) Pentachlorophenol	16.53	266	320543	32.911	ng/ul	97
70) Phenanthrene	16.91	178	2614757	33.569	ng/ul	99
72) Anthracene	17.00	178	2660349	33.782	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.90	216	681833	35.769	ng/uL	97
74) Pentachlorobenzene	14.44	250	713317	38.646	ng/uL	97
75) Carbazole	17.27	167	2247668	33.545	ng/ul	99
76) Di-n-butylphthalate	17.86	149	3050846	34.494	ng/ul	100
77) Fluoranthene	18.93	202	2952269	32.977	ng/ul	100
80) Pyrene	19.30	202	3100998	34.596	ng/ul	98
81) Butylbenzylphthalate	20.23	149	1343503	35.741	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.00	252	1032155	39.117	ng/ul	97
83) Benzo(a)anthracene	21.06	228	2804180	33.148	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.02	149	2018275	35.595	ng/ul	99
85) Chrysene	21.11	228	2686613	32.636	ng/ul	98
87) Di-n-octyl phthalate	21.87	149	3271349	37.320	ng/ul	100
88) Benzo(b)fluoranthene	22.57	252	2474724	33.423	ng/ul	97
89) Benzo(k)fluoranthene	22.61	252	2587298	35.387	ng/ul	100
91) Benzo(a)pyrene	23.10	252	2238879	34.079	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.28	276	2383824	33.485	ng/ul	99
93) Dibenzo(a,h)anthracene	25.29	278	2007722	33.569	ng/ul	97
94) Benzo(g,h,i)perylene	25.90	276	1884774	32.857	ng/ul	99

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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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