Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042321\
Data File : BN014375.D
Acq On : 23 Apr 2021 13:09
Operator : CG/JU
Sample : PB135824BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SLCS824

Manual Integrations APPROVED
mohammad
4/26/2021 11:37:29 AM

Quant Time: Apr 23 14:33:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN041521.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 23 12:06:34 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	151658	20.00	ng/ul	0.00
20) Naphthalene-d8	10.46	136	630220	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.32	164	367153	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.07	188	752251	20.00	ng/ul	0.00
79) Chrysene-d12	21.26	240	788660	20.00	ng/ul	0.00
88) Perylene-d12	23.49	264	783354	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	23156	5.81	ng/uL	0.00
4) Pyridine-d5	3.61	84	253472	24.01	ng/ul	0.00
7) Phenol-d5	6.85	99	386678	30.50	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.02	67	236795	31.19	ng/ul	0.00
11) 2-Chlorophenol-d4	7.22	132	316961	31.78	ng/ul	0.00
15) 4-Methylphenol-d8	8.39	113	301089	31.33	ng/ul	0.00
21) Nitrobenzene-d5	8.83	128	163024	35.80	ng/ul	0.00
24) 2-Nitrophenol-d4	9.55	143	143091	32.08	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.08	165	310500	32.32	ng/ul	0.00
31) 4-Chloroaniline-d4	10.59	131	411041	28.84	ng/ul	0.00
46) Dimethylphthalate-d6	13.73	166	980725	36.87	ng/ul	0.00
49) Acenaphthylene-d8	14.01	160	1272036	39.75	ng/ul	0.00
54) 4-Nitrophenol-d4	14.52	143	169713	32.90	ng/ul	0.00
60) Fluorene-d10	15.32	176	847662	36.05	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.44	200	126917	31.53	ng/ul	0.00
73) Anthracene-d10	17.17	188	1315267	37.46	ng/ul	0.00
81) Pyrene-d10	19.47	212	1441941	37.66	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.35	264	1522599	36.64	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	40169	9.896	ng/uL	97
5) Pyridine	3.63	79	268596	24.758	ng/ul	90
6) Benzaldehyde	6.83	77	233599	36.492	ng/ul	99
8) Phenol	6.88	94	409593	30.054	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.11	93	336404	31.385	ng/ul	99
12) 2-Chlorophenol	7.25	128	332129	31.150	ng/ul	97
13) 2-Methylphenol	8.12	108	307650	31.131	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.21	45	373378	31.513	ng/ul	99
16) Acetophenone	8.50	105	534530	33.090	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.49	70	260638	34.702	ng/ul	97
18) 4-Methylphenol	8.45	108	336061	31.399	ng/ul	100
19) Hexachloroethane	8.76	117	149134	33.275	ng/ul	97
22) Nitrobenzene	8.88	77	400905	33.278	ng/ul	98
23) Isophorone	9.40	82	723201	35.695	ng/ul	97
25) 2-Nitrophenol	9.58	139	169688	32.202	ng/ul	96
26) 2,4-Dimethylphenol	9.64	107	356541	30.393	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.88	93	454019	32.892	ng/ul	99
29) 2,4-Dichlorophenol	10.11	162	314242	31.873	ng/ul	99
30) Naphthalene	10.51	128	1106177	31.669	ng/ul	99
32) 4-Chloroaniline	10.62	127	422679	28.822	ng/ul	100
33) Hexachlorobutadiene	10.80	225	206909	32.143	ng/ul	96
34) Caprolactam	11.38	113	94433m	34.364	ng/ul	

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35) 4-Chloro-3-methylphenol	11.75	107	328062	33.664	ng/ul	100
36) 2-Methylnaphthalene	12.13	142	799911	33.610	ng/ul	96
37) 1-Methylnaphthalene	12.35	142	762076	32.155	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	413014	33.235	ng/ul	97
40) Hexachlorocyclopentadiene	12.49	237	236379	30.631	ng/ul	95
41) 2,4,6-Trichlorophenol	12.75	196	234190	32.606	ng/ul	98
42) 2,4,5-Trichlorophenol	12.82	196	272225	34.153	ng/ul	97
43) 1,1'-Biphenyl	13.15	154	1025974	33.977	ng/ul	100
44) 2-Chloronaphthalene	13.19	162	788314	33.396	ng/ul	99
45) 2-Nitroaniline	13.39	65	207859	37.984	ng/ul	96
47) Dimethylphthalate	13.78	163	1005653	36.420	ng/ul	98
48) 2,6-Dinitrotoluene	13.90	165	199837	41.268	ng/ul	97
50) Acenaphthylene	14.04	152	1206074	35.426	ng/ul	99
51) 3-Nitroaniline	14.23	138	184737	30.962	ng/ul	98
52) Acenaphthene	14.39	153	861894	34.707	ng/ul	98
53) 2,4-Dinitrophenol	14.43	184	75138	26.582	ng/ul	97
55) 4-Nitrophenol	14.53	109	142566	32.253	ng/ul	99
56) Dibenzofuran	14.72	168	1203402	34.820	ng/ul	100
57) 2,4-Dinitrotoluene	14.69	165	289676	41.409	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.95	232	216854	34.581	ng/ul	96
59) Diethylphthalate	15.16	149	991110	35.090	ng/ul	99
61) Fluorene	15.37	166	997641	35.611	ng/ul	98
62) 4-Chlorophenyl-phenylether	15.37	204	501395	36.344	ng/ul	98
63) 4-Nitroaniline	15.39	138	201052	34.617	ng/ul	99
66) 4,6-Dinitro-2-methylphenol	15.45	198	134204	31.481	ng/ul	98
67) N-Nitrosodiphenylamine	15.59	169	829570	35.443	ng/ul	98
68) 4-Bromophenyl-phenylether	16.26	248	295827	37.172	ng/ul	98
69) Hexachlorobenzene	16.38	284	353379	37.199	ng/ul	95
70) Atrazine	16.54	200	275844	33.162	ng/ul	100
71) Pentachlorophenol	16.72	266	170035	30.785	ng/ul	90
72) Phenanthrene	17.11	178	1548860	35.265	ng/ul	98
74) Anthracene	17.20	178	1606274	36.006	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.12	216	416025	33.584	ng/uL	96
76) Pentachlorobenzene	14.65	250	390870	31.747	ng/uL	98
77) Carbazole	17.47	167	1363436	33.785	ng/ul	99
78) Di-n-butylphthalate	18.05	149	1571905	35.999	ng/ul	99
80) Fluoranthene	19.13	202	1748609	36.146	ng/ul	97
82) Pyrene	19.50	202	1840879	35.737	ng/ul	100
83) Butylbenzylphthalate	20.41	149	595728	35.222	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.19	252	447756	31.744	ng/ul	96
85) Benzo(a)anthracene	21.25	228	1828019	35.872	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.19	149	984763	35.723	ng/ul	99
87) Chrysene	21.30	228	1759965	35.631	ng/ul	97
89) Di-n-octyl phthalate	22.07	149	1558916	31.874	ng/ul	100
90) Benzo(b)fluoranthene	22.83	252	1799382	34.335	ng/ul	98
91) Benzo(k)fluoranthene	22.87	252	1889816	36.224	ng/ul	99
93) Benzo(a)pyrene	23.40	252	1627883	35.109	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.73	276	2127840	34.625	ng/ul	96
95) Dibenzo(a,h)anthracene	25.75	278	1787040	35.224	ng/ul	97
96) Benzo(g,h,i)perylene	26.42	276	1785754	35.957	ng/ul	99

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

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