Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052124\
Data File : BN031599.D
Acq On : 21 May 2024 15:18
Operator : MA/JU
Sample : SSTD08066
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 21 15:47:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:34:06 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD080249

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	583503	20.000	ng/ul	0.00
20) Naphthalene-d8	10.481	136	2468413	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.334	164	1391795	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.075	188	2380233	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	1397553	20.000	ng/ul	0.00
88) Perylene-d12	24.245	264	1504424	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	442294	30.928	ng/uL	0.00
4) Pyridine-d5	3.599	84	3171759	73.756	ng/ul	0.00
7) Phenol-d5	6.863	99	3939561	79.576	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	2288907	72.418	ng/ul	0.00
11) 2-Chlorophenol-d4	7.228	132	3005015	87.506	ng/ul	0.00
15) 4-Methylphenol-d8	8.404	113	3106476	82.042	ng/ul	0.01
21) Nitrobenzene-d5	8.857	128	1552995	92.823	ng/ul	0.01
24) 2-Nitrophenol-d4	9.569	143	1629212	121.229	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.104	165	2835160	91.177	ng/ul	0.01
31) 4-Chloroaniline-d4	10.622	131	3934425	73.564	ng/ul	0.01
46) Dimethylphthalate-d6	13.751	166	6973704	80.231	ng/ul	0.00
49) Acenaphthylene-d8	14.028	160	8468820	78.702	ng/ul	0.00
54) 4-Nitrophenol-d4	14.545	143	1358394	80.885	ng/ul	0.02
60) Fluorene-d10	15.328	176	5840048	73.786	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	973033	110.800	ng/ul	0.01
73) Anthracene-d10	17.180	188	7741596	76.296	ng/ul	0.01
81) Pyrene-d10	19.469	212	6940586	98.021	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.051	264	6107696	91.304	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.234	88	476940	31.313	ng/uL	97
5) Pyridine	3.622	79	3124925	72.611	ng/ul	97
6) Benzaldehyde	6.846	77	1825917	73.034	ng/ul	98
8) Phenol	6.893	94	4029039	77.634	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.134	93	3266841	75.704	ng/ul	97
12) 2-Chlorophenol	7.263	128	3080042	82.881	ng/ul	98
13) 2-Methylphenol	8.134	108	3075095	81.012	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.222	45	3760553	68.886	ng/ul	98
16) Acetophenone	8.522	105	4600103	73.078	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.522	70	2257780	72.674	ng/ul	98
18) 4-Methylphenol	8.475	108	3244362	79.440	ng/ul	99
19) Hexachloroethane	8.763	117	1309600	78.083	ng/ul	100
22) Nitrobenzene	8.899	77	3562232	78.654	ng/ul	96
23) Isophorone	9.428	82	6839757	80.410	ng/ul	99
25) 2-Nitrophenol	9.599	139	1720099	110.260	ng/ul	99
26) 2,4-Dimethylphenol	9.663	107	3227273	83.224	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.904	93	4304576	78.000	ng/ul	99
29) 2,4-Dichlorophenol	10.128	162	2772309	88.025	ng/ul	99
30) Naphthalene	10.528	128	9573602	74.725	ng/ul	99
32) 4-Chloroaniline	10.646	127	3859041	73.504	ng/ul	100
33) Hexachlorobutadiene	10.810	225	1655526	79.510	ng/ul	99
34) Caprolactam	11.440	113	936845m	81.557	ng/ul	
35) 4-Chloro-3-methylphenol	11.769	107	3050282	85.501	ng/ul	99
36) 2-Methylnaphthalene	12.145	142	6278231	75.985	ng/ul	98

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37) 1-Methylnaphthalene	12.369	142	6188998	74.169	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.516	216	3095024	83.135	ng/ul	98
40) Hexachlorocyclopentadiene	12.492	237	1977478	94.276	ng/ul	98
41) 2,4,6-Trichlorophenol	12.757	196	2084492	103.922	ng/ul	95
42) 2,4,5-Trichlorophenol	12.828	196	2211438	95.945	ng/ul	92
43) 1,1'-Biphenyl	13.169	154	7611649	76.993	ng/ul	100
44) 2-Chloronaphthalene	13.210	162	6070529	78.514	ng/ul	98
45) 2-Nitroaniline	13.416	65	1805230	90.516	ng/ul	96
47) Dimethylphthalate	13.804	163	7065591	77.817	ng/ul	99
48) 2,6-Dinitrotoluene	13.922	165	1554131	98.823	ng/ul	97
50) Acenaphthylene	14.057	152	9488081	75.113	ng/ul	99
51) 3-Nitroaniline	14.251	138	1574348	85.000	ng/ul#	91
52) Acenaphthene	14.398	153	6263197	74.801	ng/ul	94
53) 2,4-Dinitrophenol	14.451	184	732349	108.086	ng/ul	98
55) 4-Nitrophenol	14.557	109	989617	74.464	ng/ul	99
56) Dibenzofuran	14.734	168	8230639	72.482	ng/ul	94
57) 2,4-Dinitrotoluene	14.704	165	2026734	90.202	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.957	232	1634893	98.492	ng/ul	99
59) Diethylphthalate	15.175	149	6714292	74.855	ng/ul	96
61) Fluorene	15.386	166	6001285	64.922	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.381	204	2945013	66.685	ng/ul	93
63) 4-Nitroaniline	15.416	138	1312480	72.297	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.469	198	1026614	105.322	ng/ul#	91
67) N-Nitrosodiphenylamine	15.598	169	5472078	83.638	ng/ul	98
68) 4-Bromophenyl-phenylether	16.275	248	1957549	88.975	ng/ul	97
69) Hexachlorobenzene	16.381	284	2060149	81.450	ng/ul	98
70) Atrazine	16.551	200	1466326	77.160	ng/ul	99
71) Pentachlorophenol	16.722	266	1270938	95.291	ng/ul	93
72) Phenanthrene	17.122	178	8994224	72.536	ng/ul	98
74) Anthracene	17.216	178	8943901	71.748	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.128	216	3019418	93.928	ng/uL	97
76) Pentachlorobenzene	14.651	250	2689428	88.737	ng/uL	94
77) Carbazole	17.480	167	7865521	70.637	ng/ul	97
78) Di-n-butylphthalate	18.051	149	9486128	77.112	ng/ul	98
80) Fluoranthene	19.133	202	8653007	103.402	ng/ul	98
82) Pyrene	19.498	202	8495287	93.693	ng/ul	96
83) Butylbenzylphthalate	20.410	149	3380149	115.861	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.221	252	2232623	85.546	ng/ul	97
85) Benzo(a)anthracene	21.292	228	7529385	82.263	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.227	149	4464746	96.132	ng/ul	98
87) Chrysene	21.351	228	6834417	79.660	ng/ul	97
89) Di-n-octyl phthalate	22.345	149	7560808	97.531	ng/ul	100
90) Benzo(b)fluoranthene	23.321	252	7268029	85.721	ng/ul	99
91) Benzo(k)fluoranthene	23.380	252	7425835	85.839	ng/ul	98
93) Benzo(a)pyrene	24.115	252	7059961	85.501	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.556	276	8892075	94.259	ng/ul	97
95) Dibenzo(a,h)anthracene	27.615	278	7288499	91.616	ng/ul	98
96) Benzo(g,h,i)perylene	28.592	276	7227727	94.184	ng/ul	99

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

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