Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043024\
Data File : BN031316.D
Acq On : 30 Apr 2024 11:15
Operator : MA/JU
Sample : SP6480
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 30 23:17:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 30 23:00:42 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SP6480

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	193493	20.000	ng/ul	0.00
20) Naphthalene-d8	10.393	136	889117	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.263	164	587378	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.016	188	1241346	20.000	ng/ul	0.00
79) Chrysene-d12	21.263	240	979602	20.000	ng/ul	0.00
88) Perylene-d12	24.151	264	947778	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	0.000	128	0	0.000	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/ul	
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	0.000	166	0d	0.000	ng/ul	
49) Acenaphthylene-d8	0.000	160	0	0.000	ng/ul	
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	0.000	188	0d	0.000	ng/ul	
81) Pyrene-d10	0.000	212	0d	0.000	ng/ul	
92) Benzo(a)pyrene-d12	0.000	264	0	0.000	ng/ul	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.164	88	152719	33.762	ng/uL	92
5) Pyridine	3.552	79	1058832	88.562	ng/ul	93
6) Benzaldehyde	6.769	77	929706	118.927	ng/ul	99
8) Phenol	6.822	94	1504598	95.078	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.052	93	1093967	85.395	ng/ul	99
12) 2-Chlorophenol	7.181	128	1194735	92.249	ng/ul	96
13) 2-Methylphenol	8.063	108	1127623	91.749	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.140	45	1424883	84.292	ng/ul	99
16) Acetophenone	8.440	105	1643337	85.659	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.428	70	829161	82.320	ng/ul	98
18) 4-Methylphenol	8.393	108	1251895	93.064	ng/ul	98
19) Hexachloroethane	8.675	117	466381	89.000	ng/ul	98
22) Nitrobenzene	8.816	77	1291657	85.906	ng/ul	98
23) Isophorone	9.346	82	2491374	84.912	ng/ul	99
25) 2-Nitrophenol	9.522	139	678251	90.151	ng/ul	98
26) 2,4-Dimethylphenol	9.587	107	1326271	93.780	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.822	93	1539911	83.442	ng/ul	99
29) 2,4-Dichlorophenol	10.051	162	1180061	93.336	ng/ul	98
30) Naphthalene	10.446	128	3692748	84.517	ng/ul	99
32) 4-Chloroaniline	10.563	127	1278978	71.975	ng/ul	97
33) Hexachlorobutadiene	10.716	225	650915	87.094	ng/ul	98
34) Caprolactam	11.393	113	426610m	94.459	ng/ul	
35) 4-Chloro-3-methylphenol	11.704	107	1328574	91.487	ng/ul	97
36) 2-Methylnaphthalene	12.063	142	2562510	84.589	ng/ul	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.287	142	2599287	84.823	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.440	216	1311941	86.539	ng/ul	99
40) Hexachlorocyclopentadiene	12.410	237	718538	84.674	ng/ul	96
41) 2,4,6-Trichlorophenol	12.687	196	955125	91.642	ng/ul	99
42) 2,4,5-Trichlorophenol	12.763	196	1036951	91.228	ng/ul	94
43) 1,1'-Biphenyl	13.092	154	3287431	82.402	ng/ul	98
44) 2-Chloronaphthalene	13.134	162	2578560	81.839	ng/ul	97
45) 2-Nitroaniline	13.357	65	860132	96.377	ng/ul	97
47) Dimethylphthalate	13.734	163	3377195	85.116	ng/ul	100
48) 2,6-Dinitrotoluene	13.863	165	755161	97.541	ng/ul	98
50) Acenaphthylene	13.987	152	4300555	84.109	ng/ul	99
51) 3-Nitroaniline	14.192	138	807699	96.870	ng/ul	98
52) Acenaphthene	14.334	153	2704567	79.737	ng/ul	97
53) 2,4-Dinitrophenol	14.398	184	446665	100.956	ng/ul	94
55) 4-Nitrophenol	14.510	109	568456	101.030	ng/ul	96
56) Dibenzofuran	14.669	168	3765365	81.751	ng/ul	93
57) 2,4-Dinitrotoluene	14.651	165	1059924	93.349	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.898	232	872695	91.856	ng/ul	92
59) Diethylphthalate	15.110	149	3401248	85.054	ng/ul	98
61) Fluorene	15.322	166	2857911	77.828	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.322	204	1348743	76.140	ng/ul	95
63) 4-Nitroaniline	15.369	138	838150	109.781	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.416	198	642287	93.863	ng/ul#	97
67) N-Nitrosodiphenylamine	15.539	169	2763453	83.786	ng/ul	99
68) 4-Bromophenyl-phenylether	16.216	248	994659	85.650	ng/ul	97
69) Hexachlorobenzene	16.316	284	1094259	81.710	ng/ul	97
70) Atrazine	16.504	200	1051695	98.166	ng/ul	95
71) Pentachlorophenol	16.669	266	797639	98.373	ng/ul	92
72) Phenanthrene	17.063	178	4938359	80.387	ng/ul	99
74) Anthracene	17.157	178	4948425	80.547	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.051	216	1294707	82.342	ng/uL	97
76) Pentachlorobenzene	14.581	250	1294332	83.938	ng/uL	93
77) Carbazole	17.433	167	4719718	87.958	ng/ul	99
78) Di-n-butylphthalate	17.992	149	5866047	84.360	ng/ul	99
80) Fluoranthene	19.086	202	5617334	78.542	ng/ul	99
82) Pyrene	19.451	202	5822467	79.804	ng/ul	99
83) Butylbenzylphthalate	20.369	149	2675377	87.770	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.180	252	1640534	93.599	ng/ul	98
85) Benzo(a)anthracene	21.245	228	5242314	82.001	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.169	149	3314624	82.650	ng/ul	98
87) Chrysene	21.304	228	5005782	83.571	ng/ul	96
89) Di-n-octyl phthalate	22.263	149	6303351	89.761	ng/ul	100
90) Benzo(b)fluoranthene	23.239	252	4932098	85.871	ng/ul	97
91) Benzo(k)fluoranthene	23.310	252	4690482	83.038	ng/ul	99
93) Benzo(a)pyrene	24.021	252	4028750	78.423	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.409	276	5223169	89.734	ng/ul	100
95) Dibenzo(a,h)anthracene	27.468	278	4233444	87.553	ng/ul	98
96) Benzo(g,h,i)perylene	28.421	276	4006551	85.334	ng/ul	99

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

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