Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041723\
Data File : BN024957.D
Acq On : 17 Apr 2023 15:54
Operator : CG/JU
Sample : SP6184
Misc : SFAM SPIKE
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 18 01:23:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 18 01:19:27 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SP6184

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	289898	20.000	ng/ul	0.00
20) Naphthalene-d8	10.745	136	1331570	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.581	164	833652	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.327	188	1824910	20.000	ng/ul	0.00
79) Chrysene-d12	21.527	240	1687797	20.000	ng/ul	0.00
88) Perylene-d12	23.968	264	1834791	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	0	0.000	ng/ul	
21) Nitrobenzene-d5	0.000	128	0d	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	0d	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	0d	0.000	ng/ul	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	231613	28.177	ng/uL	99
5) Pyridine	3.746	79	1666680	70.728	ng/ul	95
6) Benzaldehyde	7.069	77	1273529	92.222	ng/ul	97
8) Phenol	7.122	94	2263510	76.899	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.351	93	1689862	73.128	ng/ul	100
12) 2-Chlorophenol	7.493	128	1676249	77.270	ng/ul	99
13) 2-Methylphenol	8.381	108	1659809	76.805	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.469	45	3243554	71.482	ng/ul	100
16) Acetophenone	8.763	105	2572316	72.504	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.751	70	1414594	73.921	ng/ul	98
18) 4-Methylphenol	8.716	108	1825808	75.975	ng/ul	99
19) Hexachloroethane	9.016	117	659489	75.326	ng/ul	96
22) Nitrobenzene	9.146	77	2095829	72.343	ng/ul	99
23) Isophorone	9.675	82	3867395	72.723	ng/ul	99
25) 2-Nitrophenol	9.857	139	931936	73.979	ng/ul	98
26) 2,4-Dimethylphenol	9.922	107	1994823	75.211	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.157	93	2338164	70.649	ng/ul	99
29) 2,4-Dichlorophenol	10.393	162	1557851	74.364	ng/ul	97
30) Naphthalene	10.798	128	5292461	71.167	ng/ul	100
32) 4-Chloroaniline	10.910	127	1903984	59.375	ng/ul	99
33) Hexachlorobutadiene	11.081	225	878384	71.937	ng/ul	96
34) Caprolactam	11.716	113	573944m	78.166	ng/ul	
35) 4-Chloro-3-methylphenol	12.040	107	1892205	77.036	ng/ul	98
36) 2-Methylnaphthalene	12.410	142	3522208	71.665	ng/ul	98

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37) 1-Methylnaphthalene	12.628	142	3612158	73.624	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.775	216	1762049	72.462	ng/ul	96
40) Hexachlorocyclopentadiene	12.751	237	1100588	74.223	ng/ul	97
41) 2,4,6-Trichlorophenol	13.016	196	1257615	75.693	ng/ul	98
42) 2,4,5-Trichlorophenol	13.092	196	1374689	75.608	ng/ul	99
43) 1,1'-Biphenyl	13.416	154	4645377	69.938	ng/ul	99
44) 2-Chloronaphthalene	13.457	162	3680272	71.358	ng/ul	97
45) 2-Nitroaniline	13.669	65	1441914	80.064	ng/ul	99
47) Dimethylphthalate	14.039	163	4685146	72.052	ng/ul	100
48) 2,6-Dinitrotoluene	14.163	165	1043219	82.194	ng/ul	99
50) Acenaphthylene	14.304	152	5831380	71.690	ng/ul	99
51) 3-Nitroaniline	14.492	138	1008215	75.591	ng/ul	98
52) Acenaphthene	14.645	153	3937522	70.020	ng/ul	95
53) 2,4-Dinitrophenol	14.698	184	656131	80.402	ng/ul	95
55) 4-Nitrophenol	14.798	109	803440	74.516	ng/ul	96
56) Dibenzofuran	14.981	168	5499935	70.956	ng/ul	98
57) 2,4-Dinitrotoluene	14.951	165	1486648	80.917	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.204	232	1152062	76.949	ng/ul	98
59) Diethylphthalate	15.404	149	4773788	73.061	ng/ul	100
61) Fluorene	15.628	166	4424530	70.969	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.622	204	2078767	71.634	ng/ul	99
63) 4-Nitroaniline	15.663	138	1152705	87.698	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.710	198	861595	74.060	ng/ul	99
67) N-Nitrosodiphenylamine	15.839	169	3881834	70.114	ng/ul	98
68) 4-Bromophenyl-phenylether	16.516	248	1324897	72.228	ng/ul	97
69) Hexachlorobenzene	16.633	284	1515198	72.957	ng/ul	99
70) Atrazine	16.792	200	1435717	76.210	ng/ul	99
71) Pentachlorophenol	16.980	266	998360	77.339	ng/ul	98
72) Phenanthrene	17.375	178	7235892	70.263	ng/ul	99
74) Anthracene	17.463	178	7289083	70.242	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.381	216	1765527	68.019	ng/uL	99
76) Pentachlorobenzene	14.898	250	1746564	70.330	ng/uL	99
77) Carbazole	17.739	167	6868597	73.305	ng/ul	98
78) Di-n-butylphthalate	18.292	149	8240952	74.100	ng/ul	99
80) Fluoranthene	19.392	202	8267269	70.382	ng/ul	99
82) Pyrene	19.751	202	8556995	69.210	ng/ul	99
83) Butylbenzylphthalate	20.651	149	4055985	79.015	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.445	252	2874159	74.220	ng/ul	94
85) Benzo(a)anthracene	21.515	228	8613777	71.060	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.427	149	5720870	74.657	ng/ul	100
87) Chrysene	21.568	228	7875194	68.207	ng/ul	93
89) Di-n-octyl phthalate	22.368	149	10355694	82.129	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	8929079	74.207	ng/ul	97
91) Benzo(k)fluoranthene	23.280	252	8759028	73.978	ng/ul	96
93) Benzo(a)pyrene	23.868	252	8016270	76.093	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.527	276	9528286m	74.649	ng/ul	
95) Dibenzo(a,h)anthracene	26.539	278	7654857	72.641	ng/ul	98
96) Benzo(g,h,i)perylene	27.303	276	7733370m	74.664	ng/ul	

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

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