Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031916.D
Acq On : 11 Jun 2024 19:00
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD020284

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/12/2024
Supervised By :mohammad ahmed 06/14/2024

Quant Time: Jun 11 22:41:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 22:28:10 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	303670	20.000	ng/ul	0.00
20) Naphthalene-d8	10.440	136	1416964	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.304	164	953096	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.057	188	1995932	20.000	ng/ul	0.00
79) Chrysene-d12	21.292	240	1854041	20.000	ng/ul	0.00
88) Perylene-d12	24.221	264	2050841	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	60357	8.223	ng/uL	0.00
4) Pyridine-d5	3.581	84	456926	22.114	ng/ul	0.00
7) Phenol-d5	6.834	99	573472	22.029	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	334262	21.951	ng/ul	0.00
11) 2-Chlorophenol-d4	7.193	132	445336	22.420	ng/ul	0.00
15) 4-Methylphenol-d8	8.369	113	489308	23.058	ng/ul	0.00
21) Nitrobenzene-d5	8.816	128	239358	22.093	ng/ul	0.00
24) 2-Nitrophenol-d4	9.534	143	252793	22.588	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	473890	22.681	ng/ul	0.00
31) 4-Chloroaniline-d4	10.587	131	724990	23.371	ng/ul	0.00
46) Dimethylphthalate-d6	13.722	166	1472500	22.177	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	1701947	22.292	ng/ul	0.00
54) 4-Nitrophenol-d4	14.522	143	294739	22.170	ng/ul	0.00
60) Fluorene-d10	15.298	176	1248622	22.225	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.433	200	233236	23.248	ng/ul	0.00
73) Anthracene-d10	17.151	188	1907576	22.324	ng/ul	0.00
81) Pyrene-d10	19.451	212	2154344	21.714	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.021	264	2118990	21.638	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.211	88	64375	8.197	ng/uL	98
5) Pyridine	3.599	79	401121	19.415	ng/ul	94
6) Benzaldehyde	6.810	77	258166	21.143	ng/ul	99
8) Phenol	6.863	94	585514	22.100	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.093	93	494474	22.571	ng/ul	97
12) 2-Chlorophenol	7.228	128	466251	22.430	ng/ul	99
13) 2-Methylphenol	8.104	108	458363	22.400	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.187	45	586474	23.256	ng/ul	99
16) Acetophenone	8.481	105	754334	23.455	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.469	70	381059	22.866	ng/ul	96
18) 4-Methylphenol	8.428	108	506231	22.822	ng/ul	99
19) Hexachloroethane	8.728	117	192423	21.860	ng/ul	92
22) Nitrobenzene	8.857	77	564619	21.874	ng/ul	99
23) Isophorone	9.381	82	1125053	21.247	ng/ul	100
25) 2-Nitrophenol	9.563	139	278891	22.809	ng/ul	98
26) 2,4-Dimethylphenol	9.628	107	532539	22.389	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.863	93	706507	21.409	ng/ul	99
29) 2,4-Dichlorophenol	10.093	162	463657	22.475	ng/ul	98
30) Naphthalene	10.493	128	1605428	21.892	ng/ul	99
32) 4-Chloroaniline	10.610	127	643219	21.357	ng/ul	99
33) Hexachlorobutadiene	10.769	225	275428	22.229	ng/ul	97
34) Caprolactam	11.393	113	172550m	21.428	ng/ul	
35) 4-Chloro-3-methylphenol	11.740	107	547709	22.714	ng/ul	99
36) 2-Methylnaphthalene	12.110	142	1128883	22.521	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.334	142	1133597	22.539	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.481	216	568930	22.571	ng/ul	99
40) Hexachlorocyclopentadiene	12.451	237	285674	19.664	ng/ul	100
41) 2,4,6-Trichlorophenol	12.728	196	382864	22.378	ng/ul	99
42) 2,4,5-Trichlorophenol	12.798	196	413321	22.232	ng/ul	96
43) 1,1'-Biphenyl	13.134	154	1476871	22.030	ng/ul	97
44) 2-Chloronaphthalene	13.175	162	1155475	22.006	ng/ul	99
45) 2-Nitroaniline	13.387	65	340594	22.377	ng/ul	99
47) Dimethylphthalate	13.769	163	1511760	22.263	ng/ul	99
48) 2,6-Dinitrotoluene	13.892	165	311076	23.046	ng/ul	99
50) Acenaphthylene	14.028	152	1951192	22.614	ng/ul	100
51) 3-Nitroaniline	14.222	138	342117	23.706	ng/ul	98
52) Acenaphthene	14.369	153	1268779	22.224	ng/ul	98
53) 2,4-Dinitrophenol	14.434	184	151685	22.260	ng/ul	98
55) 4-Nitrophenol	14.534	109	222882	22.600	ng/ul	99
56) Dibenzofuran	14.704	168	1731168	22.319	ng/ul	98
57) 2,4-Dinitrotoluene	14.681	165	447829	22.611	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.934	232	357864	23.012	ng/ul	98
59) Diethylphthalate	15.139	149	1531866	21.862	ng/ul	98
61) Fluorene	15.357	166	1428775	22.874	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.351	204	693106	22.910	ng/ul	97
63) 4-Nitroaniline	15.386	138	368754	26.841	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.445	198	255225	23.931	ng/ul	95
67) N-Nitrosodiphenylamine	15.575	169	1223082	22.231	ng/ul	99
68) 4-Bromophenyl-phenylether	16.251	248	443359	22.926	ng/ul	94
69) Hexachlorobenzene	16.357	284	497075	22.679	ng/ul	95
70) Atrazine	16.528	200	354395	20.402	ng/ul	97
71) Pentachlorophenol	16.704	266	307088	21.898	ng/ul	95
72) Phenanthrene	17.098	178	2273760	22.363	ng/ul	99
74) Anthracene	17.186	178	2352989	22.839	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.092	216	568046	22.111	ng/uL	99
76) Pentachlorobenzene	14.622	250	578016	23.100	ng/uL	99
77) Carbazole	17.463	167	2159098	24.578	ng/ul	98
78) Di-n-butylphthalate	18.027	149	2672109	22.109	ng/ul	100
80) Fluoranthene	19.116	202	2652743	22.373	ng/ul	99
82) Pyrene	19.486	202	2760779	22.694	ng/ul	96
83) Butylbenzylphthalate	20.392	149	1242136	21.618	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.204	252	692237	19.470	ng/ul	100
85) Benzo(a)anthracene	21.274	228	2729763	21.997	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.204	149	1849810	22.085	ng/ul	98
87) Chrysene	21.333	228	2600749	22.436	ng/ul	99
89) Di-n-octyl phthalate	22.310	149	3143403	22.894	ng/ul	100
90) Benzo(b)fluoranthene	23.292	252	2668853	21.772	ng/ul	98
91) Benzo(k)fluoranthene	23.351	252	2777003	23.086	ng/ul	98
93) Benzo(a)pyrene	24.080	252	2505493	21.823	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.515	276	2604689m	19.688	ng/ul	
95) Dibenzo(a,h)anthracene	27.580	278	2187697	20.254	ng/ul	98
96) Benzo(g,h,i)perylene	28.545	276	1991726m	18.938	ng/ul	

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

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