Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020724\
Data File : BN029541.D
Acq On : 07 Feb 2024 11:22
Operator : MA/JU
Sample : SSTD04011
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 07 14:04:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 07 13:56:26 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD040235

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay

02/07/2024

Supervised By :mohammad ahmed

02/09/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	193441	20.000	ng/ul	0.00
20) Naphthalene-d8	10.687	136	768118	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.528	164	393499	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.280	188	766926	20.000	ng/ul	0.00
79) Chrysene-d12	21.480	240	649483	20.000	ng/ul	0.00
88) Perylene-d12	23.857	264	717435	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	100169	17.032	ng/uL	0.00
4) Pyridine-d5	3.734	84	671016	42.783	ng/ul	0.00
7) Phenol-d5	7.052	99	762201	42.125	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	512100	42.408	ng/ul	0.00
11) 2-Chlorophenol-d4	7.416	132	577173	44.020	ng/ul	0.00
15) 4-Methylphenol-d8	8.599	113	569986	42.240	ng/ul	0.00
21) Nitrobenzene-d5	9.057	128	275606	46.230	ng/ul	0.00
24) 2-Nitrophenol-d4	9.775	143	242128	46.634	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.304	165	463874	45.263	ng/ul	0.00
31) 4-Chloroaniline-d4	10.834	131	749982	42.896	ng/ul	0.00
46) Dimethylphthalate-d6	13.951	166	1293928	44.167	ng/ul	0.00
49) Acenaphthylene-d8	14.222	160	1578638	45.374	ng/ul	0.00
54) 4-Nitrophenol-d4	14.734	143	248813	44.747	ng/ul	0.00
60) Fluorene-d10	15.528	176	1095345	43.949	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	157043	42.025	ng/ul	0.00
73) Anthracene-d10	17.380	188	1608640	44.756	ng/ul	0.00
81) Pyrene-d10	19.680	212	1722846	44.203	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.704	264	1626411	45.304	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.364	88	106272	17.446	ng/uL	98
5) Pyridine	3.758	79	685025	42.218	ng/ul	94
6) Benzaldehyde	7.034	77	363844	44.585	ng/ul	98
8) Phenol	7.081	94	787153	42.449	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.322	93	663102	42.525	ng/ul	98
12) 2-Chlorophenol	7.446	128	602211	43.777	ng/ul	98
13) 2-Methylphenol	8.334	108	563726	42.127	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.416	45	880943	43.259	ng/ul	100
16) Acetophenone	8.716	105	911936	42.462	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.710	70	490512	44.239	ng/ul	100
18) 4-Methylphenol	8.663	108	600481	42.466	ng/ul	99
19) Hexachloroethane	8.957	117	274833	43.052	ng/ul	97
22) Nitrobenzene	9.099	77	750931	44.456	ng/ul	100
23) Isophorone	9.622	82	1330979	45.237	ng/ul	99
25) 2-Nitrophenol	9.804	139	280488	47.307	ng/ul	96
26) 2,4-Dimethylphenol	9.869	107	628701	44.245	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.116	93	823984	44.067	ng/ul	99
29) 2,4-Dichlorophenol	10.334	162	475165	44.870	ng/ul	95
30) Naphthalene	10.734	128	1881802	42.861	ng/ul	100
32) 4-Chloroaniline	10.857	127	755246	43.758	ng/ul	100
33) Hexachlorobutadiene	11.016	225	279553	42.774	ng/ul	95
34) Caprolactam	11.634	113	150419m	42.894	ng/ul	
35) 4-Chloro-3-methylphenol	11.981	107	564388	46.142	ng/ul	98
36) 2-Methylnaphthalene	12.351	142	1190176	44.222	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.569	142	1152154	43.180	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.716	216	505188	43.312	ng/ul	96
40) Hexachlorocyclopentadiene	12.687	237	335045	43.946	ng/ul	93
41) 2,4,6-Trichlorophenol	12.957	196	314657	46.804	ng/ul	97
42) 2,4,5-Trichlorophenol	13.028	196	346335	45.847	ng/ul	97
43) 1,1'-Biphenyl	13.369	154	1445906	43.570	ng/ul	98
44) 2-Chloronaphthalene	13.404	162	1135963	44.044	ng/ul	98
45) 2-Nitroaniline	13.622	65	368805	48.637	ng/ul	94
47) Dimethylphthalate	13.998	163	1345321	44.860	ng/ul	99
48) 2,6-Dinitrotoluene	14.122	165	260852	48.610	ng/ul	96
50) Acenaphthylene	14.251	152	1875463	44.916	ng/ul	100
51) 3-Nitroaniline	14.445	138	280680	44.941	ng/ul	97
52) Acenaphthene	14.592	153	1229754	44.585	ng/ul	91
53) 2,4-Dinitrophenol	14.651	184	112598	41.346	ng/ul	98
55) 4-Nitrophenol	14.751	109	221087	43.483	ng/ul	97
56) Dibenzofuran	14.928	168	1594662	43.782	ng/ul	98
57) 2,4-Dinitrotoluene	14.904	165	361406	47.836	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.151	232	257077	47.951	ng/ul	98
59) Diethylphthalate	15.369	149	1398447	45.397	ng/ul	99
61) Fluorene	15.581	166	1266919	44.006	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.581	204	558049	43.337	ng/ul	98
63) 4-Nitroaniline	15.610	138	255531	46.873	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.663	198	178263	43.270	ng/ul	100
67) N-Nitrosodiphenylamine	15.798	169	1061127	44.401	ng/ul	97
68) 4-Bromophenyl-phenylether	16.481	248	327126	45.065	ng/ul	87
69) Hexachlorobenzene	16.575	284	354978	43.385	ng/ul	96
70) Atrazine	16.757	200	328399	43.982	ng/ul	96
71) Pentachlorophenol	16.922	266	207015	43.567	ng/ul	91
72) Phenanthrene	17.322	178	1936011	43.640	ng/ul	99
74) Anthracene	17.416	178	1969318	44.231	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.322	216	491688	43.690	ng/uL	99
76) Pentachlorobenzene	14.839	250	434587	43.126	ng/uL	98
77) Carbazole	17.692	167	1799880	44.260	ng/ul	100
78) Di-n-butylphthalate	18.269	149	2277157	46.566	ng/ul	99
80) Fluoranthene	19.345	202	2091316	44.171	ng/ul	99
82) Pyrene	19.710	202	2219233	44.307	ng/ul	98
83) Butylbenzylphthalate	20.627	149	970351	47.536	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.404	252	565965	44.990	ng/ul	97
85) Benzo(a)anthracene	21.463	228	2120740	44.449	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.416	149	1480577	46.890	ng/ul	99
87) Chrysene	21.516	228	1930498	43.175	ng/ul	98
89) Di-n-octyl phthalate	22.345	149	2470007	44.415	ng/ul	100
90) Benzo(b)fluoranthene	23.133	252	1974326	43.690	ng/ul	98
91) Benzo(k)fluoranthene	23.186	252	2021813	43.712	ng/ul	96
93) Benzo(a)pyrene	23.751	252	1894769	43.722	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.327	276	2256678	42.729	ng/ul	93
95) Dibenzo(a,h)anthracene	26.345	278	1883064	43.709	ng/ul	98
96) Benzo(g,h,i)perylene	27.080	276	1921043m	43.507	ng/ul	

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

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