Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111522\
Data File : BN022647.D
Acq On : 15 Nov 2022 12:54
Operator : CG/JU
Sample : SSTD08045
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 15 13:36:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 15 12:42:21 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD080207

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/16/2022
Supervised By :mohammad ahmed 11/16/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	90177	20.000	ng/ul	0.00
20) Naphthalene-d8	10.704	136	402934	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.563	164	240581	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.322	188	490118	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	438295	20.000	ng/ul	0.00
88) Perylene-d12	23.968	264	413992	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	83811	34.895	ng/uL	0.00
4) Pyridine-d5	3.628	84	612309	93.540	ng/ul	0.00
7) Phenol-d5	7.057	99	703909	86.066	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	409814	82.779	ng/ul	0.00
11) 2-Chlorophenol-d4	7.410	132	518692	87.169	ng/ul	0.00
15) 4-Methylphenol-d8	8.628	113	545225	84.962	ng/ul	0.02
21) Nitrobenzene-d5	9.069	128	264892	96.491	ng/ul	0.01
24) 2-Nitrophenol-d4	9.793	143	298161	121.597	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.340	165	485346	89.375	ng/ul	0.00
31) 4-Chloroaniline-d4	10.863	131	717671	77.817	ng/ul	0.01
46) Dimethylphthalate-d6	13.987	166	1406518	85.536	ng/ul	0.01
49) Acenaphthylene-d8	14.257	160	1572016	82.004	ng/ul	0.00
54) 4-Nitrophenol-d4	14.816	143	286844	87.661	ng/ul	0.02
60) Fluorene-d10	15.563	176	1110305	77.600	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.704	200	261085	133.181	ng/ul	0.01
73) Anthracene-d10	17.427	188	1668156	77.234	ng/ul	0.00
81) Pyrene-d10	19.733	212	1894753	90.903	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.821	264	1680369	85.634	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	89164	36.046	ng/uL#	89
5) Pyridine	3.646	79	600424	91.159	ng/ul	98
6) Benzaldehyde	7.016	77	320758	90.263	ng/ul	98
8) Phenol	7.087	94	726267	85.932	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.310	93	549986	81.613	ng/ul	99
12) 2-Chlorophenol	7.446	128	555020	86.943	ng/ul	100
13) 2-Methylphenol	8.346	108	541936	84.394	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.416	45	724678	85.256	ng/ul	99
16) Acetophenone	8.728	105	848849	83.633	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.728	70	450016	89.045	ng/ul	99
18) 4-Methylphenol	8.693	108	582913	82.635	ng/ul	99
19) Hexachloroethane	8.957	117	235136	92.411	ng/ul	95
22) Nitrobenzene	9.110	77	688435	101.764	ng/ul	99
23) Isophorone	9.651	82	1294374	92.917	ng/ul	99
25) 2-Nitrophenol	9.822	139	324986	113.145	ng/ul	98
26) 2,4-Dimethylphenol	9.893	107	663767	93.323	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.128	93	730632	83.752	ng/ul	98
29) 2,4-Dichlorophenol	10.369	162	491547	86.391	ng/ul	99
30) Naphthalene	10.757	128	1703074	81.174	ng/ul	99
32) 4-Chloroaniline	10.887	127	731867	76.575	ng/ul	100
33) Hexachlorobutadiene	11.034	225	303473	92.583	ng/ul	96
34) Caprolactam	11.722	113	183388m	84.263	ng/ul	
35) 4-Chloro-3-methylphenol	12.034	107	636711	99.293	ng/ul	99
36) 2-Methylnaphthalene	12.381	142	1137672	80.159	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.598	142	1128153	79.093	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.745	216	539244	87.411	ng/ul	99
40) Hexachlorocyclopentadiene	12.716	237	338242	92.093	ng/ul	99
41) 2,4,6-Trichlorophenol	12.998	196	383246	100.122	ng/ul	96
42) 2,4,5-Trichlorophenol	13.081	196	415498	98.931	ng/ul	95
43) 1,1'-Biphenyl	13.398	154	1413946	80.423	ng/ul	97
44) 2-Chloronaphthalene	13.439	162	1129850	83.942	ng/ul	99
45) 2-Nitroaniline	13.663	65	430956	127.656	ng/ul	95
47) Dimethylphthalate	14.034	163	1467125	87.225	ng/ul	98
48) 2,6-Dinitrotoluene	14.163	165	322874	111.891	ng/ul	99
50) Acenaphthylene	14.292	152	1745976	78.896	ng/ul	99
51) 3-Nitroaniline	14.492	138	332224	103.346	ng/ul	100
52) Acenaphthene	14.628	153	1226693	85.786	ng/ul	96
53) 2,4-Dinitrophenol	14.704	184	224785	159.123	ng/ul	98
55) 4-Nitrophenol	14.834	109	284158	108.334	ng/ul	94
56) Dibenzofuran	14.969	168	1560027	75.932	ng/ul	96
57) 2,4-Dinitrotoluene	14.951	165	453658	108.249	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.198	232	344174	106.765	ng/ul	99
59) Diethylphthalate	15.398	149	1544096	91.032	ng/ul	98
61) Fluorene	15.622	166	1298153	80.116	ng/ul	90
62) 4-Chlorophenyl-phenyle...	15.610	204	617618	82.686	ng/ul	95
63) 4-Nitroaniline	15.675	138	277045	85.877	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.722	198	267974	129.029	ng/ul	96
67) N-Nitrosodiphenylamine	15.833	169	1148333	83.596	ng/ul	98
68) 4-Bromophenyl-phenylether	16.510	248	390241	89.527	ng/ul	96
69) Hexachlorobenzene	16.622	284	478656	92.248	ng/ul	89
70) Atrazine	16.798	200	414193	85.209	ng/ul	96
71) Pentachlorophenol	16.975	266	293221	101.502	ng/ul	97
72) Phenanthrene	17.369	178	2109178	81.472	ng/ul	98
74) Anthracene	17.463	178	2070693	80.327	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.357	216	538433	86.314	ng/uL	96
76) Pentachlorobenzene	14.886	250	563224	94.780	ng/uL	99
77) Carbazole	17.739	167	1941326	79.691	ng/ul	98
78) Di-n-butylphthalate	18.298	149	2617981	95.321	ng/ul	98
80) Fluoranthene	19.398	202	2346716	93.340	ng/ul	99
82) Pyrene	19.763	202	2301247	87.821	ng/ul	97
83) Butylbenzylphthalate	20.663	149	1246447	125.675	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.457	252	760800	91.038	ng/ul	97
85) Benzo(a)anthracene	21.521	228	2271177	86.062	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.439	149	1772874	116.749	ng/ul#	100
87) Chrysene	21.574	228	2091705	81.865	ng/ul	98
89) Di-n-octyl phthalate	22.374	149	3091033	127.464	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	2245260	89.145	ng/ul	99
91) Benzo(k)fluoranthene	23.280	252	2163935	96.045	ng/ul	96
93) Benzo(a)pyrene	23.874	252	1874206	77.774	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.539	276	1993807	67.394	ng/ul	99
95) Dibenzo(a,h)anthracene	26.556	278	1783146	71.421	ng/ul	97
96) Benzo(g,h,i)perylene	27.327	276	1726677	66.883	ng/ul	98

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

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