Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
Data File : BN023265.D
Acq On : 17 Dec 2022 07:16
Operator : CG/JU
Sample : N5925-04MS
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Dec 19 00:13:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 15 23:22:36 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DBXQ9MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.999	152	295103	20.000	ng/ul	0.00
20) Naphthalene-d8	10.822	136	1350920	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.651	164	879786	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.398	188	2031653	20.000	ng/ul	0.00
79) Chrysene-d12	21.586	240	1555241	20.000	ng/ul	0.00
88) Perylene-d12	24.045	264	1614197	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	33533	4.701	ng/uL	0.00
4) Pyridine-d5	3.775	84	275860	13.102	ng/ul	0.00
7) Phenol-d5	7.158	99	848925	30.930	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	490773	30.727	ng/ul	0.00
11) 2-Chlorophenol-d4	7.528	132	693437	33.529	ng/ul	0.00
15) 4-Methylphenol-d8	8.716	113	625139	28.368	ng/ul	0.00
21) Nitrobenzene-d5	9.169	128	373602	35.794	ng/ul	0.00
24) 2-Nitrophenol-d4	9.899	143	412505	37.523	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.440	165	744296	35.864	ng/ul	0.00
31) 4-Chloroaniline-d4	10.957	131	646716	19.367	ng/ul	0.00
46) Dimethylphthalate-d6	14.063	166	2253986	34.187	ng/ul	0.00
49) Acenaphthylene-d8	14.345	160	2632747	35.607	ng/ul	0.00
54) 4-Nitrophenol-d4	14.851	143	429931	29.197	ng/ul	0.00
60) Fluorene-d10	15.645	176	1984285	35.331	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.763	200	412657	34.504	ng/ul	0.00
73) Anthracene-d10	17.498	188	3103792	34.088	ng/ul	0.00
81) Pyrene-d10	19.792	212	3519768	41.604	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.886	264	2861876	36.171	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	76648	10.369	ng/uL	98
5) Pyridine	3.793	79	376023	17.478	ng/ul	98
6) Benzaldehyde	7.134	77	437782	44.529	ng/ul	97
8) Phenol	7.187	94	922724	33.282	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.422	93	713113	33.117	ng/ul	98
12) 2-Chlorophenol	7.558	128	727478	34.249	ng/ul	97
13) 2-Methylphenol	8.446	108	676795	32.085	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.540	45	877146	32.163	ng/ul	98
16) Acetophenone	8.834	105	1142375	34.262	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.822	70	555432	33.267	ng/ul	98
18) 4-Methylphenol	8.781	108	757791	32.372	ng/ul	97
19) Hexachloroethane	9.087	117	280453	34.281	ng/ul	91
22) Nitrobenzene	9.216	77	836547	33.425	ng/ul	97
23) Isophorone	9.746	82	1666484	35.302	ng/ul	100
25) 2-Nitrophenol	9.928	139	449362	37.478	ng/ul	99
26) 2,4-Dimethylphenol	9.987	107	479657	19.763	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.228	93	978296	32.396	ng/ul	99
29) 2,4-Dichlorophenol	10.463	162	751420	36.590	ng/ul	99
30) Naphthalene	10.869	128	2460507	34.093	ng/ul	100
32) 4-Chloroaniline	10.981	127	577943	17.347	ng/ul	98
33) Hexachlorobutadiene	11.157	225	442584	37.804	ng/ul	98
34) Caprolactam	11.769	113	283657m	35.525	ng/ul	
35) 4-Chloro-3-methylphenol	12.110	107	847536	36.436	ng/ul	96
36) 2-Methylnaphthalene	12.481	142	1724247	35.448	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.699	142	1715299	34.220	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.846	216	895490	35.986	ng/ul	96
40) Hexachlorocyclopentadiene	12.828	237	399787	26.709	ng/ul	99
41) 2,4,6-Trichlorophenol	13.087	196	627765	36.676	ng/ul	98
42) 2,4,5-Trichlorophenol	13.157	196	702706	37.094	ng/ul	95
43) 1,1'-Biphenyl	13.487	154	2238582	33.673	ng/ul	99
44) 2-Chloronaphthalene	13.528	162	1800041	34.770	ng/ul	99
45) 2-Nitroaniline	13.734	65	553052	36.864	ng/ul	98
47) Dimethylphthalate	14.110	163	2279754	34.268	ng/ul	99
48) 2,6-Dinitrotoluene	14.234	165	495235	38.449	ng/ul	94
50) Acenaphthylene	14.375	152	2758132	33.922	ng/ul	99
51) 3-Nitroaniline	14.557	138	467731	35.663	ng/ul	95
52) Acenaphthene	14.716	153	1929138	34.128	ng/ul	98
53) 2,4-Dinitrophenol	14.757	184	298801	36.406	ng/ul	95
55) 4-Nitrophenol	14.863	109	376346	34.556	ng/ul	92
56) Dibenzofuran	15.051	168	2665191	33.864	ng/ul	99
57) 2,4-Dinitrotoluene	15.016	165	725684	38.168	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.275	232	594350	36.239	ng/ul	98
59) Diethylphthalate	15.475	149	2384195	36.025	ng/ul	98
61) Fluorene	15.698	166	2147745	33.700	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.692	204	1045398	34.225	ng/ul	98
63) 4-Nitroaniline	15.728	138	546955	42.824	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.775	198	421637	36.112	ng/ul	97
67) N-Nitrosodiphenylamine	15.904	169	1905891	33.896	ng/ul	97
68) 4-Bromophenyl-phenylether	16.587	248	716663	36.558	ng/ul	92
69) Hexachlorobenzene	16.704	284	828322	36.140	ng/ul	97
70) Atrazine	16.857	200	423139	20.593	ng/ul	99
71) Pentachlorophenol	17.045	266	471801	31.174	ng/ul	98
72) Phenanthrene	17.445	178	3702927	34.445	ng/ul	99
74) Anthracene	17.534	178	3582055	33.394	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.451	216	908935	35.975	ng/uL	98
76) Pentachlorobenzene	14.969	250	903789	35.301	ng/uL	98
77) Carbazole	17.804	167	3443033	34.858	ng/ul	98
78) Di-n-butylphthalate	18.363	149	4403892	37.550	ng/ul	100
80) Fluoranthene	19.457	202	4361327	44.325	ng/ul	97
82) Pyrene	19.822	202	4294394	41.548	ng/ul	97
83) Butylbenzylphthalate	20.716	149	1986792	46.450	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.504	252	681113	19.929	ng/ul	93
85) Benzo(a)anthracene	21.569	228	3867887	37.121	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.492	149	2692695	44.523	ng/ul	99
87) Chrysene	21.627	228	3576609	36.372	ng/ul	97
89) Di-n-octyl phthalate	22.433	149	4585361	46.907	ng/ul	100
90) Benzo(b)fluoranthene	23.292	252	3722468	36.562	ng/ul	95
91) Benzo(k)fluoranthene	23.345	252	3651145	37.683	ng/ul	100
93) Benzo(a)pyrene	23.939	252	3133152	35.808	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.610	276	3436725	31.005	ng/ul	99
95) Dibenzo(a,h)anthracene	26.639	278	2984264	33.020	ng/ul	99
96) Benzo(g,h,i)perylene	27.410	276	2639141	30.092	ng/ul	99

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

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