Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111522\
Data File : BN022697.D
Acq On : 16 Nov 2022 21:54
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD020357

Quant Time: Nov 17 00:05:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 15 22:53:43 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	93751	20.000	ng/ul	0.00
20) Naphthalene-d8	10.699	136	434934	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.557	164	267346	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.316	188	525820	20.000	ng/ul	0.00
79) Chrysene-d12	21.527	240	476036	20.000	ng/ul	0.00
88) Perylene-d12	23.963	264	427784	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	20183	7.350	ng/uL	0.00
4) Pyridine-d5	3.628	84	149720	19.280	ng/ul	0.00
7) Phenol-d5	7.046	99	183597	20.735	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	106004	19.967	ng/ul	0.00
11) 2-Chlorophenol-d4	7.399	132	136467	21.045	ng/ul	0.00
15) 4-Methylphenol-d8	8.605	113	135112	19.328	ng/ul	0.00
21) Nitrobenzene-d5	9.058	128	68610	20.380	ng/ul	0.00
24) 2-Nitrophenol-d4	9.781	143	70624	18.801	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	123275	19.250	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.852	131	184958	18.961	ng/ul	0.00
46) Dimethylphthalate-d6	13.975	166	371722	19.116	ng/ul	0.00
49) Acenaphthylene-d8	14.251	160	423025	19.744	ng/ul	0.00
54) 4-Nitrophenol-d4	14.787	143	67683	17.460	ng/ul	-0.01
60) Fluorene-d10	15.557	176	306157	19.197	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.687	200	55916	16.730	ng/ul	0.00
73) Anthracene-d10	17.416	188	467614	20.309	ng/ul	0.00
81) Pyrene-d10	19.722	212	488473	19.800	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.804	264	424676	19.749	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.223	88	22624	7.742	ng/uL#	92
5) Pyridine	3.646	79	153861	19.983	ng/ul	97
6) Benzaldehyde	7.011	77	97411	21.744	ng/ul	98
8) Phenol	7.069	94	184075	19.960	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.299	93	141795	19.732	ng/ul	100
12) 2-Chlorophenol	7.434	128	141920	20.496	ng/ul	99
13) 2-Methylphenol	8.334	108	136436	19.876	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.411	45	192978	20.344	ng/ul	99
16) Acetophenone	8.716	105	227349	20.377	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.699	70	120487	20.262	ng/ul	98
18) 4-Methylphenol	8.669	108	150103	20.138	ng/ul	98
19) Hexachloroethane	8.952	117	59125	20.168	ng/ul	99
22) Nitrobenzene	9.099	77	183245	20.090	ng/ul	99
23) Isophorone	9.628	82	330762	18.958	ng/ul	99
25) 2-Nitrophenol	9.810	139	82149	19.891	ng/ul	97
26) 2,4-Dimethylphenol	9.881	107	178061	20.100	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.116	93	192774	19.160	ng/ul	100
29) 2,4-Dichlorophenol	10.352	162	130291	20.017	ng/ul	99
30) Naphthalene	10.752	128	456305	19.766	ng/ul	99
32) 4-Chloroaniline	10.875	127	195436	19.185	ng/ul	97
33) Hexachlorobutadiene	11.028	225	80385	20.064	ng/ul	97
34) Caprolactam	11.669	113	44808	18.146	ng/ul	99
35) 4-Chloro-3-methylphenol	12.010	107	164148	19.337	ng/ul	97
36) 2-Methylnaphthalene	12.375	142	303988	19.330	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.593	142	307711	19.519	ng/ul	95
39)	1,2,4,5-Tetrachloroben...	12.740	216	144453	20.130	ng/ul	95
40)	Hexachlorocyclopentadiene	12.710	237	73151	17.460	ng/ul	93
41)	2,4,6-Trichlorophenol	12.987	196	99072	19.445	ng/ul	97
42)	2,4,5-Trichlorophenol	13.063	196	109907	20.371	ng/ul	94
43)	1,1'-Biphenyl	13.387	154	389075	19.827	ng/ul	99
44)	2-Chloronaphthalene	13.434	162	307396	20.103	ng/ul	96
45)	2-Nitroaniline	13.651	65	109694	19.753	ng/ul	97
47)	Dimethylphthalate	14.022	163	396738	19.411	ng/ul	99
48)	2,6-Dinitrotoluene	14.146	165	81714	19.751	ng/ul	98
50)	Acenaphthylene	14.281	152	472085	19.723	ng/ul	100
51)	3-Nitroaniline	14.481	138	84101	18.879	ng/ul	99
52)	Acenaphthene	14.622	153	337515	19.874	ng/ul	99
53)	2,4-Dinitrophenol	14.693	184	36697	12.692	ng/ul	98
55)	4-Nitrophenol	14.798	109	69779	18.159	ng/ul	97
56)	Dibenzofuran	14.957	168	449841	20.048	ng/ul	99
57)	2,4-Dinitrotoluene	14.940	165	119152	19.777	ng/ul	98
58)	2,3,4,6-Tetrachlorophenol	15.187	232	90073	19.493	ng/ul	100
59)	Diethylphthalate	15.387	149	416947	19.247	ng/ul	99
61)	Fluorene	15.610	166	373738	19.945	ng/ul	97
62)	4-Chlorophenyl-phenyle...	15.604	204	174461	19.751	ng/ul	97
63)	4-Nitroaniline	15.651	138	78483	19.755	ng/ul	98
66)	4,6-Dinitro-2-methylph...	15.704	198	58773	17.013	ng/ul	99
67)	N-Nitrosodiphenylamine	15.822	169	314441	19.973	ng/ul	98
68)	4-Bromophenyl-phenylether	16.504	248	104226	20.129	ng/ul	93
69)	Hexachlorobenzene	16.616	284	120544	19.915	ng/ul	94
70)	Atrazine	16.787	200	114238	20.357	ng/ul	98
71)	Pentachlorophenol	16.969	266	70650	18.371	ng/ul	98
72)	Phenanthrene	17.363	178	569246	20.085	ng/ul	97
74)	Anthracene	17.451	178	586340	20.425	ng/ul	98
75)	1,2,3,4-Tetrachloroben...	13.351	216	144845	20.889	ng/uL	97
76)	Pentachlorobenzene	14.875	250	152470	20.374	ng/uL	97
77)	Carbazole	17.734	167	530532	19.890	ng/ul	98
78)	Di-n-butylphthalate	18.292	149	697948	18.386	ng/ul	100
80)	Fluoranthene	19.386	202	640327	20.797	ng/ul	98
82)	Pyrene	19.751	202	653642	20.724	ng/ul	99
83)	Butylbenzylphthalate	20.657	149	316249	19.698	ng/ul	98
84)	3,3'-Dichlorobenzidine	21.451	252	201669	19.200	ng/ul	96
85)	Benzo(a)anthracene	21.510	228	607775	19.334	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.433	149	455832	19.236	ng/ul	97
87)	Chrysene	21.569	228	556041	18.678	ng/ul	97
89)	Di-n-octyl phthalate	22.369	149	759509	20.187	ng/ul	100
90)	Benzo(b)fluoranthene	23.216	252	579382	19.985	ng/ul	96
91)	Benzo(k)fluoranthene	23.263	252	554750	20.159	ng/ul	100
93)	Benzo(a)pyrene	23.851	252	480563	19.557	ng/ul	97
94)	Indeno(1,2,3-cd)pyrene	26.504	276	530601	18.986	ng/ul	96
95)	Dibenzo(a,h)anthracene	26.527	278	470351	18.778	ng/ul	97
96)	Benzo(g,h,i)perylene	27.292	276	452105	18.554	ng/ul	99

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

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