Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021424\
Data File : BN029773.D
Acq On : 14 Feb 2024 17:15
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD020307

Quant Time: Feb 14 17:45:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 13 22:50:45 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	164668	20.000	ng/ul	0.00
20) Naphthalene-d8	10.669	136	698557	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.510	164	387278	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.263	188	781366	20.000	ng/ul	0.00
79) Chrysene-d12	21.469	240	714869	20.000	ng/ul	0.00
88) Perylene-d12	23.833	264	808993	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	34229	6.837	ng/uL	0.00
4) Pyridine-d5	3.728	84	226930	16.997	ng/ul	0.00
7) Phenol-d5	7.040	99	287899	18.692	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.211	67	180403	17.550	ng/ul	0.00
11) 2-Chlorophenol-d4	7.399	132	224105	20.079	ng/ul	0.00
15) 4-Methylphenol-d8	8.581	113	224862	19.576	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	107337	19.798	ng/ul	0.00
24) 2-Nitrophenol-d4	9.757	143	103796	21.982	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	195413	20.966	ng/ul	0.00
31) 4-Chloroaniline-d4	10.810	131	298902	18.798	ng/ul	0.00
46) Dimethylphthalate-d6	13.934	166	549979	19.075	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160	643266	18.786	ng/ul	0.00
54) 4-Nitrophenol-d4	14.722	143	100962	18.449	ng/ul	0.00
60) Fluorene-d10	15.510	176	462449	18.853	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.634	200	68623	18.024	ng/ul	0.00
73) Anthracene-d10	17.363	188	696835	19.029	ng/ul	0.00
81) Pyrene-d10	19.663	212	768662	17.918	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.680	264	788585	19.480	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	36401	7.020	ng/uL	98
5) Pyridine	3.752	79	240935	17.443	ng/ul	95
6) Benzaldehyde	7.016	77	165727	24.004	ng/ul	97
8) Phenol	7.063	94	294256	18.641	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.305	93	238614	17.976	ng/ul	98
12) 2-Chlorophenol	7.428	128	232166	19.826	ng/ul	99
13) 2-Methylphenol	8.316	108	213627	18.754	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.399	45	307517	17.739	ng/ul	98
16) Acetophenone	8.699	105	359253	19.651	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.687	70	191825	20.323	ng/ul	98
18) 4-Methylphenol	8.646	108	234583	19.488	ng/ul	98
19) Hexachloroethane	8.940	117	100401	18.476	ng/ul	92
22) Nitrobenzene	9.081	77	289573	18.850	ng/ul	99
23) Isophorone	9.604	82	514951	19.245	ng/ul	100
25) 2-Nitrophenol	9.787	139	117500	21.791	ng/ul	97
26) 2,4-Dimethylphenol	9.846	107	250749	19.404	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.093	93	312742	18.391	ng/ul	99
29) 2,4-Dichlorophenol	10.316	162	196083	20.360	ng/ul	97
30) Naphthalene	10.716	128	735715	18.426	ng/ul	100
32) 4-Chloroaniline	10.840	127	294671	18.773	ng/ul	98
33) Hexachlorobutadiene	10.993	225	115307	19.400	ng/ul	94
34) Caprolactam	11.610	113	60378	18.840	ng/ul	94
35) 4-Chloro-3-methylphenol	11.957	107	229174	20.602	ng/ul	95
36) 2-Methylnaphthalene	12.334	142	464891	18.993	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.551	142	463954	19.119	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.698	216	215177	18.744	ng/ul	95
40) Hexachlorocyclopentadiene	12.669	237	121409	16.180	ng/ul	98
41) 2,4,6-Trichlorophenol	12.945	196	136771	20.671	ng/ul	100
42) 2,4,5-Trichlorophenol	13.016	196	149161	20.063	ng/ul	97
43) 1,1'-Biphenyl	13.351	154	594061	18.189	ng/ul	98
44) 2-Chloronaphthalene	13.387	162	457490	18.023	ng/ul	98
45) 2-Nitroaniline	13.604	65	147759	19.799	ng/ul	94
47) Dimethylphthalate	13.981	163	558457	18.921	ng/ul	99
48) 2,6-Dinitrotoluene	14.104	165	107269	20.311	ng/ul	96
50) Acenaphthylene	14.234	152	761142	18.522	ng/ul	99
51) 3-Nitroaniline	14.434	138	118941	19.350	ng/ul	95
52) Acenaphthene	14.575	153	499875	18.414	ng/ul	93
53) 2,4-Dinitrophenol	14.640	184	43485	16.224	ng/ul	97
55) 4-Nitrophenol	14.734	109	93773	18.740	ng/ul	98
56) Dibenzofuran	14.916	168	664524	18.538	ng/ul	98
57) 2,4-Dinitrotoluene	14.887	165	159881	21.502	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.140	232	117820	22.329	ng/ul	96
59) Diethylphthalate	15.351	149	584260	19.271	ng/ul	100
61) Fluorene	15.563	166	551881	19.477	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.563	204	248497	19.608	ng/ul	97
63) 4-Nitroaniline	15.592	138	118533	21.366	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.651	198	76723	18.279	ng/ul	97
67) N-Nitrosodiphenylamine	15.781	169	448138	18.405	ng/ul	97
68) 4-Bromophenyl-phenylether	16.463	248	144005	19.472	ng/ul	92
69) Hexachlorobenzene	16.557	284	165733	19.882	ng/ul	99
70) Atrazine	16.739	200	146749	19.291	ng/ul	98
71) Pentachlorophenol	16.910	266	94209	19.460	ng/ul	95
72) Phenanthrene	17.310	178	831905	18.405	ng/ul	99
74) Anthracene	17.398	178	855430	18.858	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.304	216	209495	18.271	ng/uL	99
76) Pentachlorobenzene	14.828	250	195878	19.079	ng/uL	93
77) Carbazole	17.675	167	766064	18.490	ng/ul	98
78) Di-n-butylphthalate	18.251	149	968261	19.434	ng/ul	98
80) Fluoranthene	19.328	202	929894	17.844	ng/ul	100
82) Pyrene	19.692	202	997411	18.092	ng/ul	96
83) Butylbenzylphthalate	20.616	149	450650	20.057	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.392	252	272790	19.701	ng/ul	97
85) Benzo(a)anthracene	21.451	228	980500	18.671	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.404	149	709207	20.406	ng/ul	99
87) Chrysene	21.504	228	912235	18.536	ng/ul	98
89) Di-n-octyl phthalate	22.327	149	1227083	19.568	ng/ul	100
90) Benzo(b)fluoranthene	23.116	252	927160	18.195	ng/ul	100
91) Benzo(k)fluoranthene	23.169	252	974392	18.682	ng/ul	95
93) Benzo(a)pyrene	23.733	252	891075	18.235	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.292	276	1095862	18.416	ng/ul	99
95) Dibenzo(a,h)anthracene	26.315	278	901356	18.554	ng/ul	95
96) Benzo(g,h,i)perylene	27.033	276	913334	18.351	ng/ul	97

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

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