Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090722\
Data File : BN021628.D
Acq On : 07 Sep 2022 15:59
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD020336

Quant Time: Sep 08 02:00:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 07 01:01:49 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	197504	20.000	ng/ul	0.00
20) Naphthalene-d8	10.893	136	889471	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.722	164	553216	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	1122830	20.000	ng/ul	0.00
79) Chrysene-d12	21.663	240	995157	20.000	ng/ul	0.00
88) Perylene-d12	24.174	264	927251	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	40135	7.630	ng/uL	0.00
4) Pyridine-d5	3.793	84	270692	18.881	ng/ul	0.00
7) Phenol-d5	7.211	99	334629	18.681	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.381	67	213669	19.706	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	255390	19.596	ng/ul	0.00
15) 4-Methylphenol-d8	8.775	113	266608	18.969	ng/ul	0.00
21) Nitrobenzene-d5	9.240	128	132059	21.792	ng/ul	0.00
24) 2-Nitrophenol-d4	9.969	143	132977	24.567	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.510	165	249874	20.844	ng/ul	0.00
31) 4-Chloroaniline-d4	11.034	131	377217	18.529	ng/ul	0.00
46) Dimethylphthalate-d6	14.128	166	768218	20.317	ng/ul	0.00
49) Acenaphthylene-d8	14.416	160	882096	20.011	ng/ul	0.00
54) 4-Nitrophenol-d4	14.910	143	145397	19.323	ng/ul	0.00
60) Fluorene-d10	15.710	176	648059	19.697	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.828	200	108070	24.063	ng/ul	0.00
73) Anthracene-d10	17.569	188	960583	19.413	ng/ul	0.00
81) Pyrene-d10	19.863	212	1090115	23.034	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.010	264	912824	20.769	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	41178	7.601	ng/uL	97
5) Pyridine	3.817	79	271179	18.798	ng/ul	87
6) Benzaldehyde	7.187	77	179396	23.050	ng/ul	93
8) Phenol	7.240	94	346282	18.707	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.475	93	283650	19.218	ng/ul	98
12) 2-Chlorophenol	7.616	128	270913	19.377	ng/ul	97
13) 2-Methylphenol	8.510	108	260392	18.514	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.593	45	373056	20.039	ng/ul	98
16) Acetophenone	8.893	105	422644	19.013	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.881	70	218895	19.776	ng/ul	94
18) 4-Methylphenol	8.840	108	286939	18.573	ng/ul	98
19) Hexachloroethane	9.157	117	109657	19.677	ng/ul	87
22) Nitrobenzene	9.281	77	316412	21.188	ng/ul	96
23) Isophorone	9.810	82	620561	20.180	ng/ul	99
25) 2-Nitrophenol	9.999	139	151718	23.928	ng/ul	94
26) 2,4-Dimethylphenol	10.057	107	311687	19.851	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.299	93	399587	20.750	ng/ul	98
29) 2,4-Dichlorophenol	10.534	162	253895	20.214	ng/ul	98
30) Naphthalene	10.946	128	890614	19.230	ng/ul	99
32) 4-Chloroaniline	11.057	127	392813	18.618	ng/ul	98
33) Hexachlorobutadiene	11.228	225	141225	19.517	ng/ul	97
34) Caprolactam	11.816	113	87808	18.277	ng/ul	86
35) 4-Chloro-3-methylphenol	12.175	107	290917	20.552	ng/ul	96
36) 2-Methylnaphthalene	12.551	142	610055	19.472	ng/ul	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.769	142	613816	19.494	ng/ul	95
39)	1,2,4,5-Tetrachloroben...	12.916	216	282847	19.939	ng/ul	95
40)	Hexachlorocyclopentadiene	12.893	237	191993	22.733	ng/ul	95
41)	2,4,6-Trichlorophenol	13.157	196	196235	22.294	ng/ul	96
42)	2,4,5-Trichlorophenol	13.222	196	214873	22.249	ng/ul	96
43)	1,1'-Biphenyl	13.557	154	818360	20.242	ng/ul	99
44)	2-Chloronaphthalene	13.598	162	610880	19.737	ng/ul	99
45)	2-Nitroaniline	13.804	65	181125	23.332	ng/ul	90
47)	Dimethylphthalate	14.175	163	783988	20.270	ng/ul	100
48)	2,6-Dinitrotoluene	14.298	165	154367	23.264	ng/ul	96
50)	Acenaphthylene	14.445	152	997792	19.607	ng/ul	99
51)	3-Nitroaniline	14.628	138	166070	22.466	ng/ul	100
52)	Acenaphthene	14.781	153	648225	19.714	ng/ul	99
53)	2,4-Dinitrophenol	14.828	184	78735	24.238	ng/ul	98
55)	4-Nitrophenol	14.928	109	111898	18.552	ng/ul	92
56)	Dibenzofuran	15.116	168	929593	19.677	ng/ul	99
57)	2,4-Dinitrotoluene	15.081	165	215872	22.401	ng/ul	100
58)	2,3,4,6-Tetrachlorophenol	15.340	232	167031	22.533	ng/ul	94
59)	Diethylphthalate	15.534	149	798311	20.467	ng/ul	97
61)	Fluorene	15.769	166	705860	18.944	ng/ul	95
62)	4-Chlorophenyl-phenyle...	15.757	204	335486	19.532	ng/ul	99
63)	4-Nitroaniline	15.787	138	157009	21.165	ng/ul	97
66)	4,6-Dinitro-2-methylph...	15.839	198	118380	24.881	ng/ul	97
67)	N-Nitrosodiphenylamine	15.969	169	638192	20.279	ng/ul	99
68)	4-Bromophenyl-phenylether	16.651	248	205522	20.581	ng/ul	95
69)	Hexachlorobenzene	16.769	284	238314	20.048	ng/ul	94
70)	Atrazine	16.922	200	218988	19.665	ng/ul	98
71)	Pentachlorophenol	17.116	266	146399	22.121	ng/ul	98
72)	Phenanthrene	17.510	178	1158908	19.540	ng/ul	98
74)	Anthracene	17.604	178	1149922	19.472	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.522	216	299423	20.952	ng/uL	96
76)	Pentachlorobenzene	15.034	250	273849	20.116	ng/uL	96
77)	Carbazole	17.875	167	1059050	18.976	ng/ul	98
78)	Di-n-butylphthalate	18.428	149	1359672	21.609	ng/ul	99
80)	Fluoranthene	19.528	202	1312680	22.995	ng/ul#	94
82)	Pyrene	19.892	202	1304898	21.932	ng/ul#	91
83)	Butylbenzylphthalate	20.780	149	596408	26.485	ng/ul	97
84)	3,3'-Dichlorobenzidine	21.574	252	352880	18.597	ng/ul#	95
85)	Benzo(a)anthracene	21.645	228	1224519	20.436	ng/ul	97
86)	Bis(2-ethylhexyl)phtha...	21.557	149	872179	25.296	ng/ul	99
87)	Chrysene	21.698	228	1171799	20.199	ng/ul	97
89)	Di-n-octyl phthalate	22.516	149	1437585	26.467	ng/ul	100
90)	Benzo(b)fluoranthene	23.404	252	1183791	20.984	ng/ul#	96
91)	Benzo(k)fluoranthene	23.451	252	1068120	21.166	ng/ul#	97
93)	Benzo(a)pyrene	24.068	252	1102273	20.422	ng/ul	95
94)	Indeno(1,2,3-cd)pyrene	26.827	276	1110844	16.764	ng/ul	94
95)	Dibenzo(a,h)anthracene	26.845	278	938041	16.775	ng/ul	97
96)	Benzo(g,h,i)perylene	27.651	276	904520	15.643	ng/ul	95

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

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