Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100224\
Data File : BN034333.D
Acq On : 02 Oct 2024 12:22
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD020327

Quant Time: Oct 02 13:08:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 30 14:14:38 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.387	152	218231	20.000	ng/ul	0.00
20) Naphthalene-d8	10.140	136	845418	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.040	164	522217	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.798	188	1055612	20.000	ng/ul	0.00
79) Chrysene-d12	21.033	240	1065464	20.000	ng/ul	0.00
88) Perylene-d12	23.745	264	1324157	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.005	96	45451	8.499	ng/uL	0.00
4) Pyridine-d5	3.393	84	286774	18.041	ng/ul	0.00
7) Phenol-d5	6.587	99	329565	17.016	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.740	67	205954	17.139	ng/ul	0.00
11) 2-Chlorophenol-d4	6.928	132	305139	20.015	ng/ul	0.00
15) 4-Methylphenol-d8	8.105	113	271417	17.031	ng/ul	0.00
21) Nitrobenzene-d5	8.528	128	140359	20.830	ng/ul	0.00
24) 2-Nitrophenol-d4	9.240	143	149534	21.580	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.775	165	278759	21.361	ng/ul	0.00
31) 4-Chloroaniline-d4	10.287	131	367756	18.615	ng/ul	0.00
46) Dimethylphthalate-d6	13.463	166	753603	19.310	ng/ul	0.00
49) Acenaphthylene-d8	13.722	160	886922	20.201	ng/ul	0.00
54) 4-Nitrophenol-d4	14.275	143	134516	16.795	ng/ul	0.00
60) Fluorene-d10	15.045	176	653911	19.770	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.175	200	116245	18.469	ng/ul	0.00
73) Anthracene-d10	16.892	188	989490	19.938	ng/ul	0.00
81) Pyrene-d10	19.204	212	1181436	19.901	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.557	264	1405670	20.666	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.040	88	45795	8.118	ng/uL	85
5) Pyridine	3.411	79	289017	17.768	ng/ul	90
6) Benzaldehyde	6.546	77	207943	20.339	ng/ul	86
8) Phenol	6.611	94	344282	17.073	ng/ul	95
10) Bis(2-Chloroethyl)ether	6.834	93	283518	18.090	ng/ul	94
12) 2-Chlorophenol	6.958	128	307745	19.697	ng/ul	94
13) 2-Methylphenol	7.840	108	263545	17.486	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	7.910	45	375482	16.245	ng/ul	96
16) Acetophenone	8.199	105	413442	16.377	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.193	70	195342	15.626	ng/ul	94
18) 4-Methylphenol	8.163	108	286026	17.052	ng/ul	98
19) Hexachloroethane	8.440	117	130084	19.740	ng/ul	87
22) Nitrobenzene	8.569	77	315051	18.680	ng/ul	95
23) Isophorone	9.093	82	541645	17.415	ng/ul	96
25) 2-Nitrophenol	9.269	139	163257	21.052	ng/ul	93
26) 2,4-Dimethylphenol	9.352	107	293405	18.390	ng/ul	92
27) Bis(2-Chloroethoxy)met...	9.581	93	359091	18.764	ng/ul	98
29) 2,4-Dichlorophenol	9.799	162	278107	21.048	ng/ul	97
30) Naphthalene	10.193	128	936749	20.257	ng/ul	99
32) 4-Chloroaniline	10.310	127	358225	18.400	ng/ul	99
33) Hexachlorobutadiene	10.481	225	188681	22.258	ng/ul	98
34) Caprolactam	11.081	113	95156	18.088	ng/ul	85
35) 4-Chloro-3-methylphenol	11.451	107	269442	17.321	ng/ul	95
36) 2-Methylnaphthalene	11.816	142	625144	19.626	ng/ul	99

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Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
37) 1-Methylnaphthalene	12.040	142	637328	19.766 ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.198	216	336352	22.310 ng/ul	98
40) Hexachlorocyclopentadiene	12.175	237	181721	19.590 ng/ul	99
41) 2,4,6-Trichlorophenol	12.451	196	213222	21.334 ng/ul	97
42) 2,4,5-Trichlorophenol	12.522	196	238449	21.720 ng/ul	99
43) 1,1'-Biphenyl	12.863	154	783169	19.892 ng/ul	99
44) 2-Chloronaphthalene	12.893	162	628981	20.508 ng/ul	97
45) 2-Nitroaniline	13.116	65	160318	16.176 ng/ul	85
47) Dimethylphthalate	13.510	163	759689	19.099 ng/ul	99
48) 2,6-Dinitrotoluene	13.628	165	156424	19.972 ng/ul	91
50) Acenaphthylene	13.751	152	968001	20.149 ng/ul	99
51) 3-Nitroaniline	13.957	138	162308	18.752 ng/ul	90
52) Acenaphthene	14.104	153	673083	19.624 ng/ul	98
53) 2,4-Dinitrophenol	14.169	184	86566	18.791 ng/ul#	84
55) 4-Nitrophenol	14.287	109	125182	18.404 ng/ul	92
56) Dibenzofuran	14.445	168	927639	19.778 ng/ul	97
57) 2,4-Dinitrotoluene	14.422	165	226094	19.148 ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.681	232	193333	21.222 ng/ul	90
59) Diethylphthalate	14.898	149	753797	18.136 ng/ul	98
61) Fluorene	15.098	166	750151	19.551 ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.104	204	364522	19.601 ng/ul	99
63) 4-Nitroaniline	15.128	138	163059	18.307 ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.192	198	129125	18.475 ng/ul	92
67) N-Nitrosodiphenylamine	15.322	169	639240	20.209 ng/ul	96
68) 4-Bromophenyl-phenylether	15.998	248	233725	21.804 ng/ul	92
69) Hexachlorobenzene	16.104	284	271805	21.846 ng/ul	93
70) Atrazine	16.292	200	227841	19.880 ng/ul	98
71) Pentachlorophenol	16.451	266	174947	21.112 ng/ul	96
72) Phenanthrene	16.839	178	1159476	19.920 ng/ul	99
74) Anthracene	16.928	178	1176980	19.803 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.816	216	340035	23.145 ng/uL	98
76) Pentachlorobenzene	14.363	250	336638	22.504 ng/uL	99
77) Carbazole	17.204	167	1062596	19.425 ng/ul	99
78) Di-n-butylphthalate	17.792	149	1311042	18.853 ng/ul	99
80) Fluoranthene	18.869	202	1395899	20.114 ng/ul	97
82) Pyrene	19.233	202	1479193	19.826 ng/ul	95
83) Butylbenzylphthalate	20.175	149	613164	18.326 ng/ul	95
84) 3,3'-Dichlorobenzidine	20.957	252	479297	20.027 ng/ul	98
85) Benzo(a)anthracene	21.016	228	1506622	19.833 ng/ul	95
86) Bis(2-ethylhexyl)phtha...	20.980	149	935703	19.107 ng/ul	96
87) Chrysene	21.075	228	1442583	19.902 ng/ul	98
89) Di-n-octyl phthalate	22.022	149	1588995	18.034 ng/ul	100
90) Benzo(b)fluoranthene	22.898	252	1577076	19.534 ng/ul	98
91) Benzo(k)fluoranthene	22.951	252	1633684	20.513 ng/ul	98
93) Benzo(a)pyrene	23.616	252	1548920	20.310 ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.739	276	2066010	21.864 ng/ul	97
95) Dibenzo(a,h)anthracene	26.792	278	1657356	21.698 ng/ul	98
96) Benzo(g,h,i)perylene	27.662	276	1626346	22.170 ng/ul	97

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

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