Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100224\
Data File : BN034345.D
Acq On : 02 Oct 2024 20:13
Operator : RC/JU
Sample : PB163456BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS456

Quant Time: Oct 02 23:06:11 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	216095	20.000	ng/ul	0.00
20) Naphthalene-d8	10.140	136	853931	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.040	164	537674	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.798	188	1071599	20.000	ng/ul	0.00
79) Chrysene-d12	21.033	240	1045721	20.000	ng/ul	0.00
88) Perylene-d12	23.745	264	1287711	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.005	96	24020	4.536	ng/uL	0.00
4) Pyridine-d5	3.387	84	318368	20.226	ng/ul	0.00
7) Phenol-d5	6.587	99	404716	21.103	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.740	67	236004	19.834	ng/ul	0.00
11) 2-Chlorophenol-d4	6.928	132	364933	24.174	ng/ul	0.00
15) 4-Methylphenol-d8	8.105	113	321580	20.378	ng/ul	0.00
21) Nitrobenzene-d5	8.528	128	165236	24.277	ng/ul	0.00
24) 2-Nitrophenol-d4	9.240	143	180739	25.824	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.775	165	331973	25.185	ng/ul	0.00
31) 4-Chloroaniline-d4	10.287	131	426498	21.373	ng/ul	0.00
46) Dimethylphthalate-d6	13.469	166	894360	22.258	ng/ul	0.00
49) Acenaphthylene-d8	13.728	160	1073423	23.746	ng/ul	0.00
54) 4-Nitrophenol-d4	14.275	143	162512	19.707	ng/ul	0.00
60) Fluorene-d10	15.040	176	775587	22.775	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.175	200	144691	22.646	ng/ul	0.00
73) Anthracene-d10	16.892	188	1182760	23.476	ng/ul	0.00
81) Pyrene-d10	19.204	212	1376312	23.622	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.563	264	1618677	24.471	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.034	88	48707	8.719	ng/uL	92
5) Pyridine	3.405	79	315341	19.578	ng/ul	92
6) Benzaldehyde	6.546	77	224865	22.212	ng/ul	90
8) Phenol	6.611	94	406974	20.381	ng/ul	94
10) Bis(2-Chloroethyl)ether	6.834	93	324026	20.879	ng/ul	94
12) 2-Chlorophenol	6.958	128	358906	23.199	ng/ul	95
13) 2-Methylphenol	7.840	108	305859	20.494	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	7.910	45	420491	18.372	ng/ul	96
16) Acetophenone	8.199	105	493606	19.746	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.193	70	231129	18.671	ng/ul	94
18) 4-Methylphenol	8.163	108	331510	19.959	ng/ul	96
19) Hexachloroethane	8.440	117	145527	22.302	ng/ul#	82
22) Nitrobenzene	8.569	77	352411	20.687	ng/ul	91
23) Isophorone	9.093	82	653017	20.786	ng/ul	96
25) 2-Nitrophenol	9.275	139	195485	24.956	ng/ul	88
26) 2,4-Dimethylphenol	9.352	107	293396	18.206	ng/ul	91
27) Bis(2-Chloroethoxy)met...	9.581	93	414931	21.466	ng/ul	99
29) 2,4-Dichlorophenol	9.805	162	326884	24.492	ng/ul	95
30) Naphthalene	10.193	128	1095854	23.461	ng/ul	100
32) 4-Chloroaniline	10.316	127	383532	19.503	ng/ul	99
33) Hexachlorobutadiene	10.481	225	215084	25.120	ng/ul	98
34) Caprolactam	11.081	113	101898	19.176	ng/ul	84
35) 4-Chloro-3-methylphenol	11.457	107	315625	20.088	ng/ul	91
36) 2-Methylnaphthalene	11.816	142	726125	22.569	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.040	142	725356	22.272	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.198	216	398280	25.659	ng/ul	96
40) Hexachlorocyclopentadiene	12.175	237	189367	19.828	ng/ul	99
41) 2,4,6-Trichlorophenol	12.451	196	248902	24.188	ng/ul	97
42) 2,4,5-Trichlorophenol	12.522	196	277163	24.521	ng/ul	99
43) 1,1'-Biphenyl	12.863	154	926178	22.848	ng/ul	99
44) 2-Chloronaphthalene	12.893	162	748105	23.690	ng/ul	97
45) 2-Nitroaniline	13.116	65	184445	18.075	ng/ul	86
47) Dimethylphthalate	13.516	163	885462	21.621	ng/ul	99
48) 2,6-Dinitrotoluene	13.628	165	181451	22.501	ng/ul	87
50) Acenaphthylene	13.751	152	1142861	23.105	ng/ul	98
51) 3-Nitroaniline	13.957	138	184203	20.670	ng/ul	89
52) Acenaphthene	14.104	153	785078	22.231	ng/ul	100
53) 2,4-Dinitrophenol	14.169	184	86383	18.212	ng/ul#	83
55) 4-Nitrophenol	14.287	109	113213	16.166	ng/ul	94
56) Dibenzofuran	14.445	168	1079153	22.347	ng/ul	94
57) 2,4-Dinitrotoluene	14.422	165	265911	21.873	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.681	232	226378	24.135	ng/ul#	91
59) Diethylphthalate	14.898	149	882532	20.623	ng/ul	96
61) Fluorene	15.098	166	875756	22.169	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.104	204	435438	22.741	ng/ul	93
63) 4-Nitroaniline	15.128	138	196612	21.440	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.192	198	156459	22.052	ng/ul#	91
67) N-Nitrosodiphenylamine	15.322	169	749058	23.327	ng/ul	97
68) 4-Bromophenyl-phenylether	15.998	248	281194	25.841	ng/ul	89
69) Hexachlorobenzene	16.104	284	319327	25.283	ng/ul	93
70) Atrazine	16.292	200	237460	20.410	ng/ul	97
71) Pentachlorophenol	16.451	266	216005	25.678	ng/ul	96
72) Phenanthrene	16.839	178	1369576	23.179	ng/ul	100
74) Anthracene	16.928	178	1375877	22.804	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.816	216	379381	25.438	ng/uL	99
76) Pentachlorobenzene	14.363	250	367984	24.233	ng/uL	94
77) Carbazole	17.210	167	1257885	22.652	ng/ul	99
78) Di-n-butylphthalate	17.792	149	1548954	21.942	ng/ul	99
80) Fluoranthene	18.869	202	1579611	23.190	ng/ul	98
82) Pyrene	19.233	202	1667729	22.775	ng/ul	98
83) Butylbenzylphthalate	20.175	149	708609	21.579	ng/ul	96
84) 3,3'-Dichlorobenzidine	20.957	252	557808	23.747	ng/ul	98
85) Benzo(a)anthracene	21.016	228	1697732	22.770	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	20.980	149	1107562	23.043	ng/ul#	96
87) Chrysene	21.075	228	1596975	22.448	ng/ul	96
89) Di-n-octyl phthalate	22.022	149	1910729	22.300	ng/ul	100
90) Benzo(b)fluoranthene	22.898	252	1782536	22.704	ng/ul	99
91) Benzo(k)fluoranthene	22.951	252	1845949	23.834	ng/ul	98
93) Benzo(a)pyrene	23.616	252	1714401	23.116	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.733	276	2299531	25.024	ng/ul	98
95) Dibenzo(a,h)anthracene	26.792	278	1850834	24.917	ng/ul	95
96) Benzo(g,h,i)perylene	27.668	276	1789056	25.079	ng/ul	98

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

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