Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101724\
Data File : BN034614.D
Acq On : 17 Oct 2024 09:41
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD020341

Quant Time: Oct 17 11:01:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 16 15:50:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	220333	20.000	ng/ul	0.00
20) Naphthalene-d8	10.434	136	916758	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.298	164	541420	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.039	188	1015735	20.000	ng/ul	0.00
79) Chrysene-d12	21.269	240	905957	20.000	ng/ul	0.00
88) Perylene-d12	24.157	264	1039805	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	45689	8.298	ng/uL	0.00
4) Pyridine-d5	3.593	84	335518	20.869	ng/ul	0.00
7) Phenol-d5	6.828	99	364425	20.154	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	229774	20.600	ng/ul	0.00
11) 2-Chlorophenol-d4	7.193	132	291262	20.852	ng/ul	0.00
15) 4-Methylphenol-d8	8.358	113	281736	19.992	ng/ul	0.00
21) Nitrobenzene-d5	8.805	128	137102	21.490	ng/ul	0.00
24) 2-Nitrophenol-d4	9.522	143	116819	23.172	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.057	165	244752	21.063	ng/ul	0.00
31) 4-Chloroaniline-d4	10.569	131	403266	20.230	ng/ul	0.00
46) Dimethylphthalate-d6	13.716	166	705573	20.599	ng/ul	0.00
49) Acenaphthylene-d8	13.987	160	878600	20.651	ng/ul	0.00
54) 4-Nitrophenol-d4	14.487	143	132865	20.823	ng/ul	0.00
60) Fluorene-d10	15.292	176	597165	20.158	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	64397	18.914	ng/ul	0.00
73) Anthracene-d10	17.139	188	928554	21.385	ng/ul	0.00
81) Pyrene-d10	19.433	212	989840	21.279	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.963	264	989786	20.659	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	49107	8.300	ng/uL	98
5) Pyridine	3.611	79	339329	20.741	ng/ul	99
6) Benzaldehyde	6.805	77	250566	23.607	ng/ul	99
8) Phenol	6.852	94	382418	20.254	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.093	93	307139	20.629	ng/ul	96
12) 2-Chlorophenol	7.228	128	304918	20.902	ng/ul	97
13) 2-Methylphenol	8.099	108	280566	20.129	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.187	45	450505	20.087	ng/ul	99
16) Acetophenone	8.475	105	453272	20.143	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.463	70	224207	20.459	ng/ul	97
18) 4-Methylphenol	8.422	108	305665	20.228	ng/ul	96
19) Hexachloroethane	8.734	117	126866	20.856	ng/ul	97
22) Nitrobenzene	8.846	77	323206	21.180	ng/ul	100
23) Isophorone	9.375	82	616761	20.445	ng/ul	97
25) 2-Nitrophenol	9.552	139	135071	22.783	ng/ul	96
26) 2,4-Dimethylphenol	9.622	107	307135	20.760	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.863	93	384580	20.667	ng/ul	99
29) 2,4-Dichlorophenol	10.081	162	250284	21.289	ng/ul	100
30) Naphthalene	10.487	128	962348	20.884	ng/ul	99
32) 4-Chloroaniline	10.593	127	384666	20.351	ng/ul	99
33) Hexachlorobutadiene	10.787	225	143448	20.301	ng/ul	98
34) Caprolactam	11.334	113	91869	20.043	ng/ul	96
35) 4-Chloro-3-methylphenol	11.722	107	275092	20.929	ng/ul	98
36) 2-Methylnaphthalene	12.104	142	627191	20.671	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.328	142	637528	20.640	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.481	216	273410	20.551	ng/ul	99
40) Hexachlorocyclopentadiene	12.469	237	143784	20.346	ng/ul	97
41) 2,4,6-Trichlorophenol	12.716	196	166167	21.511	ng/ul	95
42) 2,4,5-Trichlorophenol	12.781	196	184421	21.546	ng/ul	99
43) 1,1'-Biphenyl	13.134	154	779138	20.956	ng/ul	99
44) 2-Chloronaphthalene	13.163	162	609488	20.973	ng/ul	99
45) 2-Nitroaniline	13.363	65	170697	22.392	ng/ul	100
47) Dimethylphthalate	13.763	163	714151	20.758	ng/ul	99
48) 2,6-Dinitrotoluene	13.869	165	133442	22.391	ng/ul	97
50) Acenaphthylene	14.016	152	958882	20.800	ng/ul	99
51) 3-Nitroaniline	14.193	138	166107	21.837	ng/ul	90
52) Acenaphthene	14.363	153	662278	20.678	ng/ul	98
53) 2,4-Dinitrophenol	14.398	184	42706	18.369	ng/ul	98
55) 4-Nitrophenol	14.498	109	98597	21.101	ng/ul	97
56) Dibenzofuran	14.698	168	884317	20.778	ng/ul	100
57) 2,4-Dinitrotoluene	14.657	165	188167	22.139	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.922	232	135110	22.022	ng/ul	94
59) Diethylphthalate	15.145	149	727384	20.839	ng/ul	99
61) Fluorene	15.345	166	715003	20.849	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.351	204	321468	20.882	ng/ul	96
63) 4-Nitroaniline	15.357	138	171112	22.578	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.416	198	78578	19.949	ng/ul#	91
67) N-Nitrosodiphenylamine	15.563	169	609241	21.285	ng/ul	99
68) 4-Bromophenyl-phenylether	16.245	248	187094	21.158	ng/ul	95
69) Hexachlorobenzene	16.351	284	210619	20.743	ng/ul	96
70) Atrazine	16.522	200	202991	21.170	ng/ul	99
71) Pentachlorophenol	16.692	266	112591	20.689	ng/ul	95
72) Phenanthrene	17.081	178	1084146	21.384	ng/ul	99
74) Anthracene	17.175	178	1103934	21.073	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.087	216	270121	21.240	ng/uL	98
76) Pentachlorobenzene	14.616	250	260312	21.388	ng/uL	98
77) Carbazole	17.439	167	1050516	21.657	ng/ul	98
78) Di-n-butylphthalate	18.039	149	1225372	21.711	ng/ul	100
80) Fluoranthene	19.098	202	1179973	21.144	ng/ul	97
82) Pyrene	19.463	202	1266303	21.302	ng/ul	100
83) Butylbenzylphthalate	20.392	149	497455	22.573	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.180	252	380113	20.858	ng/ul	100
85) Benzo(a)anthracene	21.251	228	1215954	21.125	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.227	149	755432	21.847	ng/ul	99
87) Chrysene	21.310	228	1156123	21.162	ng/ul	99
89) Di-n-octyl phthalate	22.345	149	1279424	21.171	ng/ul	100
90) Benzo(b)fluoranthene	23.257	252	1189528	21.289	ng/ul	100
91) Benzo(k)fluoranthene	23.316	252	1206080	21.124	ng/ul	98
93) Benzo(a)pyrene	24.027	252	1146855	21.200	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.392	276	1402393	20.779	ng/ul	97
95) Dibenzo(a,h)anthracene	27.462	278	1162656	21.199	ng/ul	98
96) Benzo(g,h,i)perylene	28.392	276	1088448	20.778	ng/ul	99

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

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