Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100224\
Data File : BN034388.D
Acq On : 04 Oct 2024 03:02
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD020331

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/05/2024

Quant Time: Oct 04 03:57:43 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	7.381	152	226054	20.000	ng/ul	0.00
20) Naphthalene-d8	10.134	136	876389	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.034	164	514439	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.792	188	1024532	20.000	ng/ul	0.00
79) Chrysene-d12	21.027	240	971790	20.000	ng/ul	0.00
88) Perylene-d12	23.733	264	1270831	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.999	96	43867	7.919	ng/uL	0.00
4) Pyridine-d5	3.387	84	279639	16.983	ng/ul	0.00
7) Phenol-d5	6.581	99	328195	16.359	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.734	67	202935	16.303	ng/ul	0.00
11) 2-Chlorophenol-d4	6.922	132	298487	18.901	ng/ul	0.00
15) 4-Methylphenol-d8	8.099	113	268693	16.277	ng/ul	0.00
21) Nitrobenzene-d5	8.522	128	138570	19.837	ng/ul	0.00
24) 2-Nitrophenol-d4	9.234	143	142483	19.836	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.769	165	268829	19.872	ng/ul	0.00
31) 4-Chloroaniline-d4	10.287	131	352733	17.223	ng/ul	0.00
46) Dimethylphthalate-d6	13.457	166	715719	18.616	ng/ul	-0.01
49) Acenaphthylene-d8	13.722	160	846460	19.571	ng/ul	0.00
54) 4-Nitrophenol-d4	14.269	143	121922	15.453	ng/ul	0.00
60) Fluorene-d10	15.040	176	608871	18.687	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.175	200	104529	17.112	ng/ul	0.00
73) Anthracene-d10	16.892	188	918635	19.072	ng/ul	0.00
81) Pyrene-d10	19.198	212	1038594	19.181	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.551	264	1204991	18.459	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.034	88	46509	7.959	ng/uL	85
5) Pyridine	3.405	79	285373	16.937	ng/ul	93
6) Benzaldehyde	6.540	77	150274	14.190	ng/ul	90
8) Phenol	6.605	94	328307	15.717	ng/ul	96
10) Bis(2-Chloroethyl)ether	6.828	93	281554	17.343	ng/ul	94
12) 2-Chlorophenol	6.952	128	299605	18.513	ng/ul	95
13) 2-Methylphenol	7.834	108	256586	16.435	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	7.905	45	367691	15.358	ng/ul	96
16) Acetophenone	8.199	105	405243	15.497	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.187	70	188447	14.553	ng/ul#	94
18) 4-Methylphenol	8.158	108	272720	15.696	ng/ul	98
19) Hexachloroethane	8.434	117	128346	18.803	ng/ul	90
22) Nitrobenzene	8.563	77	300538	17.190	ng/ul	92
23) Isophorone	9.087	82	530670	16.459	ng/ul	96
25) 2-Nitrophenol	9.269	139	158340	19.696	ng/ul#	88
26) 2,4-Dimethylphenol	9.346	107	289309	17.493	ng/ul	92
27) Bis(2-Chloroethoxy)met...	9.575	93	353159	17.802	ng/ul	100
29) 2,4-Dichlorophenol	9.799	162	263496	19.237	ng/ul	94
30) Naphthalene	10.187	128	915419	19.096	ng/ul	100
32) 4-Chloroaniline	10.310	127	333806	16.540	ng/ul	97
33) Hexachlorobutadiene	10.475	225	182360	20.752	ng/ul	98
34) Caprolactam	11.075	113	71016m	13.022	ng/ul	
35) 4-Chloro-3-methylphenol	11.446	107	257297	15.956	ng/ul	92
36) 2-Methylnaphthalene	11.810	142	590287	17.876	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.034	142	615337	18.410	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.193	216	325659	21.928	ng/ul	95
40) Hexachlorocyclopentadiene	12.169	237	178077	19.488	ng/ul	100
41) 2,4,6-Trichlorophenol	12.446	196	198532	20.165	ng/ul	97
42) 2,4,5-Trichlorophenol	12.516	196	217963	20.154	ng/ul	99
43) 1,1'-Biphenyl	12.857	154	769108	19.830	ng/ul	96
44) 2-Chloronaphthalene	12.893	162	605607	20.044	ng/ul	96
45) 2-Nitroaniline	13.110	65	148213	15.180	ng/ul#	82
47) Dimethylphthalate	13.510	163	719514	18.363	ng/ul	100
48) 2,6-Dinitrotoluene	13.622	165	147215	19.080	ng/ul	90
50) Acenaphthylene	13.751	152	941643	19.897	ng/ul	98
51) 3-Nitroaniline	13.951	138	132833	15.579	ng/ul	94
52) Acenaphthene	14.098	153	642564	19.018	ng/ul	98
53) 2,4-Dinitrophenol	14.163	184	57123	12.587	ng/ul	84
55) 4-Nitrophenol	14.281	109	88421	13.196	ng/ul	89
56) Dibenzofuran	14.440	168	876801	18.976	ng/ul	96
57) 2,4-Dinitrotoluene	14.422	165	209309	17.995	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.675	232	178966	19.942	ng/ul	91
59) Diethylphthalate	14.892	149	719252	17.566	ng/ul	98
61) Fluorene	15.092	166	695092	18.390	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.098	204	346588	18.918	ng/ul	98
63) 4-Nitroaniline	15.122	138	122476	13.959	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.187	198	113736	16.767	ng/ul	93
67) N-Nitrosodiphenylamine	15.316	169	594971	19.380	ng/ul	99
68) 4-Bromophenyl-phenylether	15.998	248	214636	20.631	ng/ul	89
69) Hexachlorobenzene	16.098	284	252777	20.933	ng/ul	95
70) Atrazine	16.286	200	188213	16.920	ng/ul	97
71) Pentachlorophenol	16.451	266	146689	18.239	ng/ul	96
72) Phenanthrene	16.834	178	1062601	18.810	ng/ul	98
74) Anthracene	16.928	178	1099203	19.055	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.810	216	316308	22.183	ng/uL	100
76) Pentachlorobenzene	14.357	250	314367	21.653	ng/uL	98
77) Carbazole	17.204	167	969621	18.263	ng/ul	100
78) Di-n-butylphthalate	17.792	149	1186002	17.573	ng/ul	99
80) Fluoranthene	18.863	202	1233965	19.494	ng/ul	99
82) Pyrene	19.228	202	1292883	18.999	ng/ul	97
83) Butylbenzylphthalate	20.169	149	510910	16.742	ng/ul	97
84) 3,3'-Dichlorobenzidine	20.951	252	385029	17.639	ng/ul	99
85) Benzo(a)anthracene	21.010	228	1313751	18.961	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	20.974	149	774411	17.337	ng/ul#	93
87) Chrysene	21.069	228	1250609	18.917	ng/ul	99
89) Di-n-octyl phthalate	22.010	149	1278900	15.124	ng/ul	100
90) Benzo(b)fluoranthene	22.886	252	1417278	18.292	ng/ul	99
91) Benzo(k)fluoranthene	22.939	252	1418725	18.561	ng/ul	100
93) Benzo(a)pyrene	23.610	252	1369648	18.713	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.727	276	1811860	19.979	ng/ul	98
95) Dibenzo(a,h)anthracene	26.780	278	1484476	20.250	ng/ul	97
96) Benzo(g,h,i)perylene	27.651	276	1501151	21.322	ng/ul	97

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

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