Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041423\
Data File : BN024946.D
Acq On : 15 Apr 2023 22:32
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 95 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD020274

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023

Quant Time: Apr 17 04:05:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 17 02:58:51 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	34812	20.000	ng/ul	0.00
20) Naphthalene-d8	10.745	136	129237	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.581	164	68390	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.327	188	138678	20.000	ng/ul	0.00
79) Chrysene-d12	21.515	240	160076	20.000	ng/ul	0.00
88) Perylene-d12	23.962	264	194809	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	9832m	10.749	ng/uL	0.00
4) Pyridine-d5	3.763	84	43734m	15.968	ng/ul	0.03
7) Phenol-d5	7.099	99	62217	18.332	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	45964	20.248	ng/ul	0.00
11) 2-Chlorophenol-d4	7.463	132	49094	19.683	ng/ul	0.00
15) 4-Methylphenol-d8	8.646	113	43002	15.960	ng/ul	0.00
21) Nitrobenzene-d5	9.104	128	19680	18.807	ng/ul	0.00
24) 2-Nitrophenol-d4	9.828	143	18744	16.537	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	39384	19.440	ng/ul	0.00
31) 4-Chloroaniline-d4	10.893	131	48030	15.622	ng/ul	0.00
46) Dimethylphthalate-d6	13.986	166	109509	20.655	ng/ul	0.00
49) Acenaphthylene-d8	14.269	160	119967	19.746	ng/ul	0.00
54) 4-Nitrophenol-d4	14.775	143	10576	9.731	ng/ul	0.00
60) Fluorene-d10	15.569	176	98693	22.048	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.686	200	10579	11.722	ng/ul	-0.01
73) Anthracene-d10	17.422	188	139442	21.409	ng/ul	0.00
81) Pyrene-d10	19.716	212	172468	18.554	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.815	264	218363	21.438	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	11308m	11.456	ng/uL	
5) Pyridine	3.781	79	60095m	21.237	ng/ul	
6) Benzaldehyde	7.075	77	38599	23.277	ng/ul	90
8) Phenol	7.122	94	68805	19.466	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.357	93	56058	20.202	ng/ul	99
12) 2-Chlorophenol	7.499	128	53491	20.534	ng/ul	97
13) 2-Methylphenol	8.381	108	44255	17.053	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.463	45	105538	19.369	ng/ul	99
16) Acetophenone	8.763	105	73271	17.198	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.746	70	33222	14.457	ng/ul	97
18) 4-Methylphenol	8.710	108	49413	17.123	ng/ul	100
19) Hexachloroethane	9.016	117	22457	21.360	ng/ul	97
22) Nitrobenzene	9.146	77	56811	20.205	ng/ul	99
23) Isophorone	9.669	82	89237	17.289	ng/ul	99
25) 2-Nitrophenol	9.863	139	20899	17.093	ng/ul	97
26) 2,4-Dimethylphenol	9.922	107	52472	20.384	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.157	93	64388	20.045	ng/ul	95
29) 2,4-Dichlorophenol	10.393	162	41626	20.473	ng/ul	97
30) Naphthalene	10.798	128	163618	22.669	ng/ul	99
32) 4-Chloroaniline	10.910	127	48123	15.462	ng/ul	98
33) Hexachlorobutadiene	11.081	225	28662	24.185	ng/ul	97
34) Caprolactam	11.681	113	8694m	12.200	ng/ul	
35) 4-Chloro-3-methylphenol	12.034	107	38260	16.049	ng/ul	94
36) 2-Methylnaphthalene	12.404	142	98206	20.588	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.622	142	99872	20.974	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.775	216	51338	25.735	ng/ul	93
40) Hexachlorocyclopentadiene	12.751	237	23023	18.926	ng/ul	99
41) 2,4,6-Trichlorophenol	13.016	196	26006	19.080	ng/ul	99
42) 2,4,5-Trichlorophenol	13.086	196	28809	19.314	ng/ul	98
43) 1,1'-Biphenyl	13.410	154	129261	23.722	ng/ul	99
44) 2-Chloronaphthalene	13.457	162	101862	24.075	ng/ul	99
45) 2-Nitroaniline	13.663	65	22807	15.437	ng/ul	96
47) Dimethylphthalate	14.034	163	113701	21.315	ng/ul	100
48) 2,6-Dinitrotoluene	14.157	165	16211	15.569	ng/ul#	90
50) Acenaphthylene	14.298	152	137143	20.552	ng/ul	98
51) 3-Nitroaniline	14.492	138	15212	13.903	ng/ul	91
52) Acenaphthene	14.639	153	102434	22.204	ng/ul	96
53) 2,4-Dinitrophenol	14.692	184	5067	7.569	ng/ul	89
55) 4-Nitrophenol	14.798	109	9457	10.692	ng/ul	90
56) Dibenzofuran	14.975	168	148890	23.415	ng/ul	97
57) 2,4-Dinitrotoluene	14.945	165	21652	14.366	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.204	232	21986	17.901	ng/ul	93
59) Diethylphthalate	15.392	149	101923	19.015	ng/ul	98
61) Fluorene	15.628	166	116442	22.767	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.616	204	57316	24.076	ng/ul	96
63) 4-Nitroaniline	15.651	138	16307m	15.123	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.704	198	10011	11.324	ng/ul#	79
67) N-Nitrosodiphenylamine	15.833	169	89013	21.157	ng/ul	96
68) 4-Bromophenyl-phenylether	16.516	248	31948	22.919	ng/ul	95
69) Hexachlorobenzene	16.628	284	37238	23.595	ng/ul	99
70) Atrazine	16.780	200	25100	17.533	ng/ul	98
71) Pentachlorophenol	16.975	266	13073	13.327	ng/ul	94
72) Phenanthrene	17.369	178	184161	23.533	ng/ul	100
74) Anthracene	17.457	178	174545	22.134	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.381	216	51435	26.077	ng/uL	90
76) Pentachlorobenzene	14.898	250	48602	25.754	ng/uL	98
77) Carbazole	17.733	167	148051	20.793	ng/ul	97
78) Di-n-butylphthalate	18.292	149	139754	16.536	ng/ul	99
80) Fluoranthene	19.386	202	202221	18.152	ng/ul	98
82) Pyrene	19.745	202	219414	18.711	ng/ul	100
83) Butylbenzylphthalate	20.645	149	60394	12.405	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.439	252	65273	17.772	ng/ul#	87
85) Benzo(a)anthracene	21.504	228	236206	20.545	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.427	149	92520	12.730	ng/ul	100
87) Chrysene	21.557	228	246120	22.475	ng/ul	97
89) Di-n-octyl phthalate	22.368	149	163475	12.211	ng/ul	100
90) Benzo(b)fluoranthene	23.215	252	280692	21.971	ng/ul	95
91) Benzo(k)fluoranthene	23.268	252	285597	22.718	ng/ul	98
93) Benzo(a)pyrene	23.862	252	255388	22.832	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.521	276	346034	25.533	ng/ul	98
95) Dibenzo(a,h)anthracene	26.539	278	293609	26.242	ng/ul	100
96) Benzo(g,h,i)perylene	27.309	276	288551	26.239	ng/ul	98

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

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