Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021622\
Data File : BN018619.D
Acq On : 16 Feb 2022 13:38
Operator : CG/JU
Sample : SSTD01032
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD010232

Quant Time: Feb 16 15:21:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN021622.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 16 15:18:48 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	182195	20.000	ng/ul	0.00
20) Naphthalene-d8	10.722	136	691350	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.545	164	393011	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.286	188	746345	20.000	ng/ul	0.00
79) Chrysene-d12	21.463	240	694573	20.000	ng/ul	0.00
88) Perylene-d12	23.857	264	702639	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	21586	5.221	ng/uL	0.00
4) Pyridine-d5	3.705	84	139896	9.984	ng/ul	0.00
7) Phenol-d5	7.063	99	156125	10.574	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.234	67	101546	11.325	ng/ul	0.00
11) 2-Chlorophenol-d4	7.440	132	126129	10.756	ng/ul	0.00
15) 4-Methylphenol-d8	8.616	113	117035	10.281	ng/ul	0.00
21) Nitrobenzene-d5	9.069	128	54192	10.433	ng/ul	0.00
24) 2-Nitrophenol-d4	9.799	143	56359	10.052	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.340	165	112308	10.414	ng/ul	0.00
31) 4-Chloroaniline-d4	10.852	131	152396	10.800	ng/ul	0.00
46) Dimethylphthalate-d6	13.951	166	297833	10.592	ng/ul	0.00
49) Acenaphthylene-d8	14.240	160	393489	10.219	ng/ul	0.00
54) 4-Nitrophenol-d4	14.722	143	45162	9.534	ng/ul	0.00
60) Fluorene-d10	15.540	176	266103	11.191	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	37516	8.329	ng/ul	0.00
73) Anthracene-d10	17.386	188	379675	10.423	ng/ul	0.00
81) Pyrene-d10	19.675	212	417172	12.291	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.704	264	376436	9.954	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	22613	4.259	ng/uL	90
5) Pyridine	3.722	79	147954	10.759	ng/ul	97
6) Benzaldehyde	7.040	77	98695	11.932	ng/ul	96
8) Phenol	7.093	94	166484	11.128	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.328	93	136404	11.063	ng/ul	98
12) 2-Chlorophenol	7.475	128	135614	11.218	ng/ul	95
13) 2-Methylphenol	8.352	108	117406	10.578	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.446	45	182724	11.052	ng/ul	99
16) Acetophenone	8.734	105	197167	11.531	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.716	70	92197	10.597	ng/ul#	94
18) 4-Methylphenol	8.681	108	129237	10.764	ng/ul	96
19) Hexachloroethane	9.005	117	57146	11.280	ng/ul	91
22) Nitrobenzene	9.116	77	145935	11.125	ng/ul	98
23) Isophorone	9.640	82	238040	10.594	ng/ul	95
25) 2-Nitrophenol	9.828	139	65133	10.525	ng/ul	94
26) 2,4-Dimethylphenol	9.887	107	144595	11.040	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.128	93	164206	10.871	ng/ul	99
29) 2,4-Dichlorophenol	10.363	162	117878	10.505	ng/ul	97
30) Naphthalene	10.775	128	411596	10.804	ng/ul	100
32) 4-Chloroaniline	10.875	127	161525	11.101	ng/ul	98
33) Hexachlorobutadiene	11.069	225	86378	10.989	ng/ul	97
34) Caprolactam	11.610	113	23321	7.957	ng/ul	91
35) 4-Chloro-3-methylphenol	11.993	107	111730	10.037	ng/ul	98
36) 2-Methylnaphthalene	12.381	142	268699	11.082	ng/ul	96

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.598	142	273523	10.678	ng/ul	98
39)	1,2,4,5-Tetrachloroben...	12.751	216	146562	10.361	ng/ul	94
40)	Hexachlorocyclopentadiene	12.734	237	88782	10.216	ng/ul	99
41)	2,4,6-Trichlorophenol	12.981	196	77925	9.975	ng/ul	95
42)	2,4,5-Trichlorophenol	13.051	196	85755	10.230	ng/ul	98
43)	1,1'-Biphenyl	13.387	154	353020	10.532	ng/ul	97
44)	2-Chloronaphthalene	13.428	162	272046	10.500	ng/ul	96
45)	2-Nitroaniline	13.622	65	59090	9.939	ng/ul	92
47)	Dimethylphthalate	13.998	163	302232	10.873	ng/ul	99
48)	2,6-Dinitrotoluene	14.110	165	51867	10.220	ng/ul	94
50)	Acenaphthylene	14.269	152	419721	11.199	ng/ul	99
51)	3-Nitroaniline	14.440	138	52510	10.406	ng/ul	91
52)	Acenaphthene	14.610	153	275192	11.354	ng/ul	99
53)	2,4-Dinitrophenol	14.645	184	20712	6.395	ng/ul#	88
55)	4-Nitrophenol	14.734	109	41251	9.549	ng/ul	91
56)	Dibenzofuran	14.945	168	392637	11.200	ng/ul	95
57)	2,4-Dinitrotoluene	14.898	165	77527	10.350	ng/ul	98
58)	2,3,4,6-Tetrachlorophenol	15.169	232	65748	10.528	ng/ul#	92
59)	Diethylphthalate	15.357	149	288163	10.195	ng/ul	98
61)	Fluorene	15.592	166	303162	10.562	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.587	204	155264	10.489	ng/ul	94
63)	4-Nitroaniline	15.592	138	51953	12.723	ng/ul	95
66)	4,6-Dinitro-2-methylph...	15.657	198	41862	8.545	ng/ul#	97
67)	N-Nitrosodiphenylamine	15.792	169	252247	9.652	ng/ul	98
68)	4-Bromophenyl-phenylether	16.475	248	88011	11.057	ng/ul#	86
69)	Hexachlorobenzene	16.598	284	100243	9.410	ng/ul#	89
70)	Atrazine	16.739	200	77676	8.547	ng/ul	98
71)	Pentachlorophenol	16.939	266	42941	7.066	ng/ul	96
72)	Phenanthrene	17.328	178	463517	10.270	ng/ul	99
74)	Anthracene	17.416	178	465795	10.447	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.351	216	156073	10.199	ng/uL	99
76)	Pentachlorobenzene	14.869	250	127985	9.554	ng/uL	96
77)	Carbazole	17.681	167	394994	10.136	ng/ul	98
78)	Di-n-butylphthalate	18.251	149	404032	9.717	ng/ul	99
80)	Fluoranthene	19.339	202	496004	12.260	ng/ul	99
82)	Pyrene	19.704	202	531680	11.950	ng/ul	100
83)	Butylbenzylphthalate	20.598	149	148384	13.499	ng/ul	93
84)	3,3'-Dichlorobenzidine	21.380	252	138372	11.270	ng/ul	100
85)	Benzo(a)anthracene	21.445	228	506505	11.877	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.380	149	246757	9.738	ng/ul	96
87)	Chrysene	21.498	228	504033	13.980	ng/ul	99
89)	Di-n-octyl phthalate	22.304	149	384864	7.787	ng/ul	100
90)	Benzo(b)fluoranthene	23.127	252	486922	9.607	ng/ul	97
91)	Benzo(k)fluoranthene	23.174	252	494787	11.031	ng/ul	98
93)	Benzo(a)pyrene	23.751	252	493195	10.305	ng/ul	94
94)	Indeno(1,2,3-cd)pyrene	26.351	276	552565	10.166	ng/ul#	94
95)	Dibenzo(a,h)anthracene	26.362	278	485439	10.542	ng/ul	99
96)	Benzo(g,h,i)perylene	27.109	276	486546	10.500	ng/ul	97

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

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