Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021722\
Data File : BN018626.D
Acq On : 17 Feb 2022 09:27
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD020285

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 02/18/2022
Supervised By :mohammad ahmed 02/18/2022

Quant Time: Feb 17 10:21:41 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN021622.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 16 16:48:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	204994	20.000	ng/ul	0.00
20) Naphthalene-d8	10.722	136	794975	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.545	164	455578	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.286	188	853001	20.000	ng/ul	0.00
79) Chrysene-d12	21.463	240	742510	20.000	ng/ul	0.00
88) Perylene-d12	23.863	264	758555	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	47148	8.669	ng/uL	0.00
4) Pyridine-d5	3.699	84	318389	21.654	ng/ul	0.00
7) Phenol-d5	7.063	99	362958	21.468	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.234	67	224340	21.379	ng/ul	0.00
11) 2-Chlorophenol-d4	7.440	132	290755	21.835	ng/ul	0.00
15) 4-Methylphenol-d8	8.616	113	280652	21.737	ng/ul	0.00
21) Nitrobenzene-d5	9.069	128	132666	21.717	ng/ul	0.00
24) 2-Nitrophenol-d4	9.799	143	142135	21.726	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.334	165	268923	21.536	ng/ul	0.00
31) 4-Chloroaniline-d4	10.846	131	354733	21.261	ng/ul	0.00
46) Dimethylphthalate-d6	13.951	166	702627	21.305	ng/ul	0.00
49) Acenaphthylene-d8	14.240	160	934915	21.881	ng/ul	0.00
54) 4-Nitrophenol-d4	14.722	143	117805	20.556	ng/ul	0.00
60) Fluorene-d10	15.534	176	610455	21.440	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	102244	20.315	ng/ul	0.00
73) Anthracene-d10	17.386	188	869789	21.310	ng/ul	0.00
81) Pyrene-d10	19.675	212	954876	21.971	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.704	264	829898	21.453	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	49461	8.606	ng/uL	96
5) Pyridine	3.722	79	327482	21.560	ng/ul	96
6) Benzaldehyde	7.040	77	201281	21.527	ng/ul	95
8) Phenol	7.087	94	380728	21.646	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.328	93	307722	21.631	ng/ul	96
12) 2-Chlorophenol	7.469	128	305663	21.670	ng/ul	95
13) 2-Methylphenol	8.346	108	278697	21.703	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.446	45	410851	21.774	ng/ul	100
16) Acetophenone	8.734	105	449838	22.143	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.716	70	217886	21.787	ng/ul#	90
18) 4-Methylphenol	8.675	108	303939	21.980	ng/ul	98
19) Hexachloroethane	9.005	117	126222	21.005	ng/ul	95
22) Nitrobenzene	9.110	77	338496	21.656	ng/ul	94
23) Isophorone	9.640	82	585703	21.449	ng/ul	95
25) 2-Nitrophenol	9.828	139	161566	22.151	ng/ul	94
26) 2,4-Dimethylphenol	9.887	107	332778	21.509	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.122	93	380352	21.288	ng/ul	99
29) 2,4-Dichlorophenol	10.363	162	274521	21.568	ng/ul	99
30) Naphthalene	10.769	128	925704	21.310	ng/ul	100
32) 4-Chloroaniline	10.869	127	369399	21.390	ng/ul	95
33) Hexachlorobutadiene	11.069	225	192122	20.921	ng/ul	96
34) Caprolactam	11.610	113	68786m	20.527	ng/ul	
35) 4-Chloro-3-methylphenol	11.993	107	278480	21.649	ng/ul	97
36) 2-Methylnaphthalene	12.381	142	613497	21.243	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.598	142	621008	21.238	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.751	216	336347	21.992	ng/ul	97
40) Hexachlorocyclopentadiene	12.734	237	217988	20.700	ng/ul	98
41) 2,4,6-Trichlorophenol	12.981	196	197271	22.014	ng/ul	94
42) 2,4,5-Trichlorophenol	13.051	196	215306	21.998	ng/ul	97
43) 1,1'-Biphenyl	13.387	154	806272	21.642	ng/ul	96
44) 2-Chloronaphthalene	13.428	162	619704	21.629	ng/ul	96
45) 2-Nitroaniline	13.622	65	161427	22.194	ng/ul	93
47) Dimethylphthalate	13.998	163	711177	21.100	ng/ul	99
48) 2,6-Dinitrotoluene	14.116	165	138309	21.992	ng/ul	98
50) Acenaphthylene	14.269	152	970065	21.679	ng/ul	99
51) 3-Nitroaniline	14.440	138	94172	16.092	ng/ul	90
52) Acenaphthene	14.610	153	618463	21.335	ng/ul	98
53) 2,4-Dinitrophenol	14.645	184	67786	18.410	ng/ul	89
55) 4-Nitrophenol	14.740	109	106865	20.562	ng/ul	86
56) Dibenzofuran	14.945	168	883585	21.397	ng/ul	93
57) 2,4-Dinitrotoluene	14.898	165	196864	21.667	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.169	232	162429	21.436	ng/ul#	88
59) Diethylphthalate	15.357	149	689527	21.120	ng/ul	98
61) Fluorene	15.592	166	681288	21.390	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.587	204	348336	21.349	ng/ul	93
63) 4-Nitroaniline	15.592	138	72415	14.704	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.657	198	108964	20.991	ng/ul	99
67) N-Nitrosodiphenylamine	15.792	169	584939	22.136	ng/ul	99
68) 4-Bromophenyl-phenylether	16.481	248	198878	21.095	ng/ul	96
69) Hexachlorobenzene	16.598	284	228427	21.494	ng/ul	93
70) Atrazine	16.739	200	204124	21.734	ng/ul	96
71) Pentachlorophenol	16.934	266	124980	20.899	ng/ul	98
72) Phenanthrene	17.328	178	1040538	21.602	ng/ul	98
74) Anthracene	17.422	178	1062066	21.958	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.351	216	352812	22.072	ng/uL	99
76) Pentachlorobenzene	14.869	250	298964	22.230	ng/uL	94
77) Carbazole	17.681	167	903654	21.943	ng/ul	98
78) Di-n-butylphthalate	18.251	149	1030631	21.591	ng/ul	99
80) Fluoranthene	19.339	202	1149169	22.143	ng/ul	99
82) Pyrene	19.704	202	1170813	21.943	ng/ul	100
83) Butylbenzylphthalate	20.598	149	414007	22.342	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.380	252	282811	20.318	ng/ul	97
85) Benzo(a)anthracene	21.451	228	1067944	21.641	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.380	149	613546	22.045	ng/ul	99
87) Chrysene	21.504	228	1041061	21.318	ng/ul	99
89) Di-n-octyl phthalate	22.304	149	996195	19.208	ng/ul	100
90) Benzo(b)fluoranthene	23.133	252	1087508	21.267	ng/ul	99
91) Benzo(k)fluoranthene	23.180	252	1016528	20.999	ng/ul	99
93) Benzo(a)pyrene	23.757	252	1033200	20.988	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.351	276	1204440	21.865	ng/ul	99
95) Dibenzo(a,h)anthracene	26.368	278	1036781	21.784	ng/ul	96
96) Benzo(g,h,i)perylene	27.109	276	1026748	21.836	ng/ul	96

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

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