Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101122\
Data File : BN022057.D
Acq On : 11 Oct 2022 18:53
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 12 04:43:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101122.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 12 04:33:09 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SICV244

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/14/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	82532	20.000	ng/ul	0.00
20) Naphthalene-d8	10.799	136	402702	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.640	164	284663	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.392	188	594750	20.000	ng/ul	0.00
79) Chrysene-d12	21.592	240	648610	20.000	ng/ul	0.00
88) Perylene-d12	24.063	264	687830	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	17521	8.035	ng/uL	0.00
4) Pyridine-d5	3.705	84	129067	19.578	ng/ul	0.00
7) Phenol-d5	7.122	99	157794	19.775	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	101775	19.923	ng/ul	0.00
11) 2-Chlorophenol-d4	7.493	132	115187	20.927	ng/ul	0.00
15) 4-Methylphenol-d8	8.687	113	127382	20.207	ng/ul	0.00
21) Nitrobenzene-d5	9.146	128	61711	21.589	ng/ul	0.00
24) 2-Nitrophenol-d4	9.875	143	63436	21.769	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.416	165	118884	21.572	ng/ul	0.00
31) 4-Chloroaniline-d4	10.940	131	197551	21.227	ng/ul	0.00
46) Dimethylphthalate-d6	14.051	166	417998	20.894	ng/ul	0.00
49) Acenaphthylene-d8	14.334	160	467909	21.498	ng/ul	0.00
54) 4-Nitrophenol-d4	14.840	143	87376	20.743	ng/ul	0.00
60) Fluorene-d10	15.634	176	350196	20.678	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	66809	20.507	ng/ul	0.00
73) Anthracene-d10	17.492	188	566678	22.061	ng/ul	0.00
81) Pyrene-d10	19.792	212	636834	20.194	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.904	264	714500	21.482	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	19357	8.193	ng/uL	88
5) Pyridine	3.723	79	133259	20.112	ng/ul	97
6) Benzaldehyde	7.099	77	97245m	24.330	ng/ul	
8) Phenol	7.146	94	169913	20.009	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.387	93	138380	20.436	ng/ul	99
12) 2-Chlorophenol	7.522	128	126863	20.949	ng/ul	98
13) 2-Methylphenol	8.416	108	124196	19.746	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.505	45	198214	19.577	ng/ul	100
16) Acetophenone	8.805	105	219335	21.180	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.787	70	115718	21.352	ng/ul	96
18) 4-Methylphenol	8.752	108	145158	20.562	ng/ul	99
19) Hexachloroethane	9.057	117	49084	20.218	ng/ul	94
22) Nitrobenzene	9.187	77	164608	20.959	ng/ul	100
23) Isophorone	9.716	82	328884	21.426	ng/ul	98
25) 2-Nitrophenol	9.905	139	75901	21.975	ng/ul	93
26) 2,4-Dimethylphenol	9.963	107	159046	21.347	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.204	93	201487	20.733	ng/ul	97
29) 2,4-Dichlorophenol	10.440	162	127209	21.641	ng/ul	94
30) Naphthalene	10.846	128	453666	20.756	ng/ul	99
32) 4-Chloroaniline	10.963	127	206781	21.107	ng/ul	94
33) Hexachlorobutadiene	11.128	225	68838	21.163	ng/ul	94
34) Caprolactam	11.746	113	48950	21.410	ng/ul	94
35) 4-Chloro-3-methylphenol	12.087	107	155485	21.742	ng/ul	98
36) 2-Methylnaphthalene	12.463	142	317306	21.323	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.681	142	323444	21.506	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.828	216	148582	20.450	ng/ul	97
40) Hexachlorocyclopentadiene	12.804	237	76169	19.924	ng/ul#	84
41) 2,4,6-Trichlorophenol	13.069	196	100522	20.529	ng/ul	90
42) 2,4,5-Trichlorophenol	13.140	196	113863	21.133	ng/ul	96
43) 1,1'-Biphenyl	13.475	154	417338	20.107	ng/ul	98
44) 2-Chloronaphthalene	13.516	162	327811	20.259	ng/ul	100
45) 2-Nitroaniline	13.722	65	105321	21.130	ng/ul	97
47) Dimethylphthalate	14.098	163	437819	20.597	ng/ul	99
48) 2,6-Dinitrotoluene	14.222	165	81534	21.491	ng/ul	98
50) Acenaphthylene	14.363	152	524907	20.987	ng/ul	99
51) 3-Nitroaniline	14.551	138	95138	20.818	ng/ul	96
52) Acenaphthene	14.704	153	377436	20.740	ng/ul	95
53) 2,4-Dinitrophenol	14.757	184	47144	18.042	ng/ul	97
55) 4-Nitrophenol	14.851	109	70750	20.527	ng/ul	95
56) Dibenzofuran	15.040	168	502021	20.465	ng/ul	100
57) 2,4-Dinitrotoluene	15.004	165	127292	22.190	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.263	232	97843	21.379	ng/ul	98
59) Diethylphthalate	15.457	149	459162	20.834	ng/ul	97
61) Fluorene	15.687	166	422613	20.841	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.681	204	194754	21.154	ng/ul	99
63) 4-Nitroaniline	15.710	138	100884	22.187	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.763	198	75995	21.739	ng/ul	99
67) N-Nitrosodiphenylamine	15.898	169	365330	21.226	ng/ul	96
68) 4-Bromophenyl-phenylether	16.575	248	116236	21.741	ng/ul	97
69) Hexachlorobenzene	16.687	284	135587	21.390	ng/ul	97
70) Atrazine	16.851	200	126962	21.821	ng/ul	99
71) Pentachlorophenol	17.039	266	82708	21.497	ng/ul	89
72) Phenanthrene	17.434	178	691313	21.346	ng/ul	99
74) Anthracene	17.522	178	697798	21.637	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.434	216	147254	20.442	ng/uL	92
76) Pentachlorobenzene	14.957	250	163298	20.949	ng/uL	97
77) Carbazole	17.798	167	657528	22.089	ng/ul	100
78) Di-n-butylphthalate	18.363	149	802831	22.025	ng/ul	98
80) Fluoranthene	19.457	202	773346	19.309	ng/ul	98
82) Pyrene	19.822	202	834885	19.754	ng/ul	98
83) Butylbenzylphthalate	20.722	149	365362	20.273	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.510	252	297390	21.087	ng/ul	98
85) Benzo(a)anthracene	21.574	228	846098	20.765	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.498	149	553908	21.167	ng/ul	99
87) Chrysene	21.633	228	801080	19.981	ng/ul	96
89) Di-n-octyl phthalate	22.445	149	1000617	20.860	ng/ul	100
90) Benzo(b)fluoranthene	23.304	252	910641m	20.969	ng/ul	
91) Benzo(k)fluoranthene	23.351	252	864559	20.184	ng/ul	99
93) Benzo(a)pyrene	23.957	252	797870	20.808	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.668	276	1031052m	21.180	ng/ul	
95) Dibenzo(a,h)anthracene	26.680	278	929855	21.121	ng/ul	97
96) Benzo(g,h,i)perylene	27.457	276	922383	21.021	ng/ul	97

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

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