Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023745.D
Acq On : 21 Jan 2023 02:45
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD020389

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/23/2023
Supervised By :Yogesh Patel 01/24/2023

Quant Time: Jan 21 05:16:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 20 23:02:18 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	257551	20.000	ng/ul	0.00
20) Naphthalene-d8	10.704	136	1127839	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.539	164	648071	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.286	188	1322692	20.000	ng/ul	0.00
79) Chrysene-d12	21.480	240	1143354	20.000	ng/ul	0.00
88) Perylene-d12	23.904	264	1009857	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	50341	8.411	ng/uL	0.00
4) Pyridine-d5	3.699	84	345775	19.256	ng/ul	0.00
7) Phenol-d5	7.052	99	422059	18.490	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	271814	19.411	ng/ul	0.00
11) 2-Chlorophenol-d4	7.422	132	343370	19.642	ng/ul	0.00
15) 4-Methylphenol-d8	8.604	113	327999	18.003	ng/ul	0.00
21) Nitrobenzene-d5	9.063	128	165838	19.500	ng/ul	0.00
24) 2-Nitrophenol-d4	9.787	143	174221	19.351	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	321973	18.749	ng/ul	0.00
31) 4-Chloroaniline-d4	10.846	131	471456	17.454	ng/ul	0.00
46) Dimethylphthalate-d6	13.951	166	919054	19.064	ng/ul	0.00
49) Acenaphthylene-d8	14.234	160	1027019	19.227	ng/ul	0.00
54) 4-Nitrophenol-d4	14.739	143	155861	15.881	ng/ul	0.00
60) Fluorene-d10	15.534	176	724435	17.586	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	126088	15.802	ng/ul	0.00
73) Anthracene-d10	17.386	188	1113331	18.810	ng/ul	0.00
81) Pyrene-d10	19.680	212	1275380	19.504	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.739	264	906565	18.153	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	51844	8.206	ng/uL	97
5) Pyridine	3.717	79	353665	19.239	ng/ul	96
6) Benzaldehyde	7.028	77	190659	21.567	ng/ul	100
8) Phenol	7.081	94	435888	18.759	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.316	93	353929	19.278	ng/ul	99
12) 2-Chlorophenol	7.452	128	351677	19.467	ng/ul	98
13) 2-Methylphenol	8.340	108	320276	18.316	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.428	45	484334	19.725	ng/ul	99
16) Acetophenone	8.722	105	529440	18.802	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.710	70	274256	19.343	ng/ul	100
18) 4-Methylphenol	8.669	108	355710	18.472	ng/ul	98
19) Hexachloroethane	8.975	117	145164	20.091	ng/ul	98
22) Nitrobenzene	9.104	77	408829	19.207	ng/ul	99
23) Isophorone	9.634	82	731995	19.015	ng/ul	100
25) 2-Nitrophenol	9.816	139	191103	19.096	ng/ul	96
26) 2,4-Dimethylphenol	9.875	107	387039	19.057	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.116	93	470829	18.856	ng/ul	98
29) 2,4-Dichlorophenol	10.351	162	319894	18.617	ng/ul	97
30) Naphthalene	10.751	128	1120212	18.476	ng/ul	99
32) 4-Chloroaniline	10.869	127	475121	17.563	ng/ul	98
33) Hexachlorobutadiene	11.034	225	198655	18.692	ng/ul	98
34) Caprolactam	11.646	113	90240m	15.637	ng/ul	
35) 4-Chloro-3-methylphenol	11.993	107	339915	18.143	ng/ul	98
36) 2-Methylnaphthalene	12.363	142	732240	18.117	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.587	142	745815	18.062	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.734	216	381881	19.924	ng/ul	99
40) Hexachlorocyclopentadiene	12.710	237	234192	19.386	ng/ul	97
41) 2,4,6-Trichlorophenol	12.975	196	243937	19.307	ng/ul	96
42) 2,4,5-Trichlorophenol	13.045	196	262703	19.013	ng/ul	90
43) 1,1'-Biphenyl	13.375	154	977127	19.543	ng/ul	99
44) 2-Chloronaphthalene	13.416	162	747165	19.261	ng/ul	100
45) 2-Nitroaniline	13.628	65	217102	20.295	ng/ul	99
47) Dimethylphthalate	13.998	163	914977	18.888	ng/ul	100
48) 2,6-Dinitrotoluene	14.122	165	180859	19.749	ng/ul	97
50) Acenaphthylene	14.263	152	1115879	18.788	ng/ul	100
51) 3-Nitroaniline	14.451	138	161443	17.592	ng/ul	100
52) Acenaphthene	14.604	153	761068	18.175	ng/ul	100
53) 2,4-Dinitrophenol	14.657	184	62014	10.361	ng/ul	96
55) 4-Nitrophenol	14.757	109	130323	16.443	ng/ul	96
56) Dibenzofuran	14.939	168	1049669	18.009	ng/ul	98
57) 2,4-Dinitrotoluene	14.904	165	249349	18.651	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.163	232	204172	17.245	ng/ul	99
59) Diethylphthalate	15.363	149	853623	17.591	ng/ul	99
61) Fluorene	15.586	166	836976	17.733	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.581	204	408220	17.766	ng/ul	99
63) 4-Nitroaniline	15.610	138	142922	16.915	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.669	198	124572	15.820	ng/ul	97
67) N-Nitrosodiphenylamine	15.798	169	700847	18.881	ng/ul	99
68) 4-Bromophenyl-phenylether	16.475	248	248801	18.766	ng/ul	92
69) Hexachlorobenzene	16.586	284	291045	18.733	ng/ul	95
70) Atrazine	16.751	200	254764	18.338	ng/ul	99
71) Pentachlorophenol	16.933	266	163501	16.489	ng/ul	96
72) Phenanthrene	17.328	178	1324554	18.689	ng/ul	99
74) Anthracene	17.416	178	1297570	18.396	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.340	216	364903	20.491	ng/uL	96
76) Pentachlorobenzene	14.857	250	349179	19.575	ng/uL	98
77) Carbazole	17.692	167	1232375	19.242	ng/ul	99
78) Di-n-butylphthalate	18.251	149	1495051	19.662	ng/ul	99
80) Fluoranthene	19.345	202	1510769	19.753	ng/ul	99
82) Pyrene	19.710	202	1554734	19.246	ng/ul	99
83) Butylbenzylphthalate	20.610	149	608441	19.025	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.398	252	451957	18.095	ng/ul	95
85) Benzo(a)anthracene	21.463	228	1422697	18.370	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.386	149	853936	18.390	ng/ul	98
87) Chrysene	21.516	228	1317705	18.146	ng/ul	97
89) Di-n-octyl phthalate	22.321	149	1320344	18.944	ng/ul	100
90) Benzo(b)fluoranthene	23.168	252	1236201	19.217	ng/ul	100
91) Benzo(k)fluoranthene	23.215	252	1186628	18.650	ng/ul	96
93) Benzo(a)pyrene	23.786	252	1028411	18.434	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.427	276	1323890	19.202	ng/ul	98
95) Dibenzo(a,h)anthracene	26.445	278	1102138	19.333	ng/ul	96
96) Benzo(g,h,i)perylene	27.209	276	1028803	18.737	ng/ul	98

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

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