Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010523\
Data File : BN023554.D
Acq On : 04 Jan 2023 15:57
Operator : CG/JU
Sample : SSTD01054
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 05 02:36:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 05 02:34:34 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD010218

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/05/2023
Supervised By :mohammad ahmed 01/06/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	160042	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	696207	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.604	164	440889	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.351	188	971660	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	959926	20.000	ng/ul	0.00
88) Perylene-d12	23.968	264	957977	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	15982	4.132	ng/uL	0.00
4) Pyridine-d5	3.734	84	105881	9.273	ng/ul	0.00
7) Phenol-d5	7.111	99	132889	8.928	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	88571	10.225	ng/ul	0.00
11) 2-Chlorophenol-d4	7.475	132	109315	9.746	ng/ul	0.00
15) 4-Methylphenol-d8	8.663	113	107460	8.992	ng/ul	0.00
21) Nitrobenzene-d5	9.122	128	51521	9.578	ng/ul	0.00
24) 2-Nitrophenol-d4	9.846	143	51901	9.161	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	104721	9.791	ng/ul	0.00
31) 4-Chloroaniline-d4	10.904	131	168417	9.786	ng/ul	0.00
46) Dimethylphthalate-d6	14.016	166	336883	10.196	ng/ul	0.00
49) Acenaphthylene-d8	14.298	160	366789	9.899	ng/ul	0.00
54) 4-Nitrophenol-d4	14.798	143	61196	8.293	ng/ul	0.00
60) Fluorene-d10	15.592	176	295710	10.507	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.716	200	47074	8.230	ng/ul	0.00
73) Anthracene-d10	17.451	188	449685	10.327	ng/ul	0.00
81) Pyrene-d10	19.745	212	552556	10.582	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.810	264	482732	10.281	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	16788m	4.188	ng/uL	
5) Pyridine	3.752	79	112327	9.627	ng/ul	98
6) Benzaldehyde	7.081	77	55435	10.397	ng/ul	98
8) Phenol	7.134	94	140777	9.363	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.369	93	116688	9.992	ng/ul	98
12) 2-Chlorophenol	7.511	128	112362	9.754	ng/ul	99
13) 2-Methylphenol	8.399	108	102819	8.988	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.487	45	156046	10.551	ng/ul	96
16) Acetophenone	8.781	105	177897	9.838	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.763	70	87584	9.673	ng/ul	100
18) 4-Methylphenol	8.728	108	114788	9.042	ng/ul	100
19) Hexachloroethane	9.034	117	45339	10.219	ng/ul	97
22) Nitrobenzene	9.163	77	133036	10.314	ng/ul	97
23) Isophorone	9.693	82	233859	9.613	ng/ul	99
25) 2-Nitrophenol	9.881	139	60221	9.746	ng/ul	97
26) 2,4-Dimethylphenol	9.940	107	127467	10.191	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.175	93	158149	10.162	ng/ul	99
29) 2,4-Dichlorophenol	10.410	162	107616	10.168	ng/ul	96
30) Naphthalene	10.816	128	390195	10.491	ng/ul	99
32) 4-Chloroaniline	10.934	127	174718	10.176	ng/ul	97
33) Hexachlorobutadiene	11.099	225	68963	11.430	ng/ul	96
34) Caprolactam	11.710	113	29152	7.084	ng/ul	96
35) 4-Chloro-3-methylphenol	12.057	107	113484	9.467	ng/ul	95
36) 2-Methylnaphthalene	12.428	142	257393	10.268	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.646	142	265378	10.273	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.798	216	133239	10.685	ng/ul	98
40) Hexachlorocyclopentadiene	12.775	237	69386	9.250	ng/ul	94
41) 2,4,6-Trichlorophenol	13.040	196	84944	9.903	ng/ul	97
42) 2,4,5-Trichlorophenol	13.104	196	92183	9.710	ng/ul	94
43) 1,1'-Biphenyl	13.440	154	356036	10.687	ng/ul	98
44) 2-Chloronaphthalene	13.481	162	275733	10.628	ng/ul	99
45) 2-Nitroaniline	13.687	65	67833	9.023	ng/ul	98
47) Dimethylphthalate	14.057	163	341425	10.241	ng/ul	99
48) 2,6-Dinitrotoluene	14.187	165	57716	8.942	ng/ul	97
50) Acenaphthylene	14.328	152	422604	10.372	ng/ul	98
51) 3-Nitroaniline	14.510	138	55384	8.427	ng/ul	99
52) Acenaphthene	14.669	153	300538	10.610	ng/ul	96
53) 2,4-Dinitrophenol	14.716	184	27645	6.721	ng/ul	96
55) 4-Nitrophenol	14.816	109	51809	9.493	ng/ul	96
56) Dibenzofuran	14.998	168	424222	10.756	ng/ul	99
57) 2,4-Dinitrotoluene	14.969	165	87786	9.213	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.228	232	80843	9.836	ng/ul	99
59) Diethylphthalate	15.422	149	338823	10.216	ng/ul	99
61) Fluorene	15.651	166	348681	10.917	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.645	204	169963	11.103	ng/ul	93
63) 4-Nitroaniline	15.669	138	46697	7.296	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.728	198	49631	8.888	ng/ul#	91
67) N-Nitrosodiphenylamine	15.857	169	289464	10.764	ng/ul	98
68) 4-Bromophenyl-phenylether	16.539	248	100701	10.741	ng/ul	98
69) Hexachlorobenzene	16.651	284	118664	10.825	ng/ul	96
70) Atrazine	16.810	200	99576	10.133	ng/ul	99
71) Pentachlorophenol	16.998	266	64438	8.903	ng/ul	96
72) Phenanthrene	17.392	178	559947	10.891	ng/ul	99
74) Anthracene	17.486	178	554557	10.810	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.404	216	132301	10.949	ng/uL	98
76) Pentachlorobenzene	14.922	250	137185	11.204	ng/uL	97
77) Carbazole	17.757	167	499760	10.579	ng/ul	98
78) Di-n-butylphthalate	18.322	149	571373	10.187	ng/ul	99
80) Fluoranthene	19.410	202	636092	10.474	ng/ul	99
82) Pyrene	19.775	202	695704	10.905	ng/ul	99
83) Butylbenzylphthalate	20.674	149	245420	9.296	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.457	252	202568	9.603	ng/ul	99
85) Benzo(a)anthracene	21.522	228	662635	10.303	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.451	149	365222	9.784	ng/ul	100
87) Chrysene	21.580	228	619717	10.211	ng/ul	99
89) Di-n-octyl phthalate	22.380	149	585359	10.090	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	647271	10.712	ng/ul	98
91) Benzo(k)fluoranthene	23.268	252	641373	11.154	ng/ul	97
93) Benzo(a)pyrene	23.857	252	554170	10.672	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.498	276	674568	10.254	ng/ul	99
95) Dibenzo(a,h)anthracene	26.515	278	554726	10.342	ng/ul	99
96) Benzo(g,h,i)perylene	27.268	276	542756	10.428	ng/ul	98

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

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