Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010622\
Data File : BN018346.D
Acq On : 06 Jan 2022 10:33
Operator : CG/JU
Sample : SSTD01010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 06 12:44:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010622.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 06 12:42:32 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD010210

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay

01/07/2022
Supervised By :mohammad ahmed

01/12/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.593	152	478230	20.000	ng/ul		0.00
20) Naphthalene-d8	10.375	136	2266300	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.239	164	1464621	20.000	ng/ul		0.00
64) Phenanthrene-d10	16.980	188	2893979	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.174	240	2657670	20.000	ng/ul	#	0.00
88) Perylene-d12	23.392	264	2785233	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.064	96	54931	4.240	ng/uL		0.00
4) Pyridine-d5	3.469	84	380757	10.097	ng/ul		0.00
7) Phenol-d5	6.781	99	480158	10.268	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	6.934	67	330143	10.910	ng/ul		0.00
11) 2-Chlorophenol-d4	7.128	132	362634	11.263	ng/ul		0.00
15) 4-Methylphenol-d8	8.310	113	386365	10.655	ng/ul		0.00
21) Nitrobenzene-d5	8.740	128	174459	12.375	ng/ul		0.00
24) 2-Nitrophenol-d4	9.463	143	185163	11.556	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.004	165	361521	9.397	ng/ul		0.00
31) 4-Chloroaniline-d4	10.510	131	550650	10.914	ng/ul		0.00
46) Dimethylphthalate-d6	13.657	166	1192336	10.774	ng/ul		0.00
49) Acenaphthylene-d8	13.928	160	1505492	11.029	ng/ul		0.00
54) 4-Nitrophenol-d4	14.451	143	188663	10.047	ng/ul		0.00
60) Fluorene-d10	15.233	176	1028409	10.660	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.357	200	153516	9.949	ng/ul		0.00
73) Anthracene-d10	17.080	188	1531397	11.291	ng/ul		0.00
81) Pyrene-d10	19.374	212	1743736	12.062	ng/ul		0.00
92) Benzo(a)pyrene-d12	23.257	264	1531179	10.554	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.099	88	61163	4.593	ng/uL		97
5) Pyridine	3.487	79	415566	10.889	ng/ul		95
6) Benzaldehyde	6.734	77	303329	11.666	ng/ul		96
8) Phenol	6.805	94	518392	10.784	ng/ul		98
10) Bis(2-Chloroethyl)ether	7.022	93	434922	11.210	ng/ul		98
12) 2-Chlorophenol	7.163	128	397904	12.009	ng/ul		93
13) 2-Methylphenol	8.046	108	383580	10.839	ng/ul		97
14) 2,2'-oxybis(1-Chloropr...	8.134	45	590034	11.155	ng/ul		98
16) Acetophenone	8.410	105	674056	11.957	ng/ul		98
17) N-Nitroso-di-n-propyla...	8.399	70	356376	11.565	ng/ul		94
18) 4-Methylphenol	8.375	108	438571	11.416	ng/ul		96
19) Hexachloroethane	8.663	117	162956	12.113	ng/ul	#	74
22) Nitrobenzene	8.781	77	488934	11.551	ng/ul		99
23) Isophorone	9.304	82	985294	9.966	ng/ul		98
25) 2-Nitrophenol	9.493	139	212606	11.632	ng/ul		95
26) 2,4-Dimethylphenol	9.569	107	496188	10.893	ng/ul		96
27) Bis(2-Chloroethoxy)met...	9.798	93	625744	10.762	ng/ul		97
29) 2,4-Dichlorophenol	10.028	162	363343	9.599	ng/ul		97
30) Naphthalene	10.422	128	1415201	11.719	ng/ul		99
32) 4-Chloroaniline	10.534	127	577820	11.312	ng/ul		99
33) Hexachlorobutadiene	10.722	225	198454	7.255	ng/ul		98
34) Caprolactam	11.269	113	122377m	8.975	ng/ul		
35) 4-Chloro-3-methylphenol	11.681	107	458236	10.591	ng/ul		98
36) 2-Methylnaphthalene	12.045	142	957966	11.185	ng/ul		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.263	142	989804	11.289	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.422	216	412595	8.441	ng/ul#	94
40) Hexachlorocyclopentadiene	12.410	237	208068	8.360	ng/ul	94
41) 2,4,6-Trichlorophenol	12.669	196	269804	8.803	ng/ul	95
42) 2,4,5-Trichlorophenol	12.740	196	287646	8.633	ng/ul	98
43) 1,1'-Biphenyl	13.069	154	1300891	11.878	ng/ul	97
44) 2-Chloronaphthalene	13.104	162	957814	11.213	ng/ul	94
45) 2-Nitroaniline	13.316	65	264439	13.898	ng/ul	95
47) Dimethylphthalate	13.704	163	1232416	11.408	ng/ul#	99
48) 2,6-Dinitrotoluene	13.816	165	213530	14.089	ng/ul#	87
50) Acenaphthylene	13.957	152	1648593	12.209	ng/ul	98
51) 3-Nitroaniline	14.145	138	229602	12.943	ng/ul	95
52) Acenaphthene	14.298	153	1070453	12.154	ng/ul	99
53) 2,4-Dinitrophenol	14.357	184	80682	6.864	ng/ul	92
55) 4-Nitrophenol	14.469	109	170052	10.921	ng/ul	95
56) Dibenzofuran	14.634	168	1495426	11.342	ng/ul	92
57) 2,4-Dinitrotoluene	14.610	165	320287	13.051	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	14.869	232	240710	8.171	ng/ul#	77
59) Diethylphthalate	15.075	149	1258501	12.282	ng/ul	96
61) Fluorene	15.286	166	1196185	11.899	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.286	204	536862	9.832	ng/ul#	88
63) 4-Nitroaniline	15.310	138	225678	13.353	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.375	198	167187	10.736	ng/ul#	83
67) N-Nitrosodiphenylamine	15.504	169	1032303	12.821	ng/ul	99
68) 4-Bromophenyl-phenylether	16.180	248	318039	9.962	ng/ul#	86
69) Hexachlorobenzene	16.298	284	384754	10.439	ng/ul#	88
70) Atrazine	16.457	200	316245	10.348	ng/ul#	94
71) Pentachlorophenol	16.639	266	191129	8.409	ng/ul	87
72) Phenanthrene	17.022	178	1898479	12.452	ng/ul	98
74) Anthracene	17.110	178	1907750	12.635	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.034	216	448902	9.894	ng/uL	98
76) Pentachlorobenzene	14.563	250	438578	9.954	ng/uL	95
77) Carbazole	17.386	167	1730593	13.647	ng/ul	97
78) Di-n-butylphthalate	17.969	149	2020817	14.736	ng/ul	99
80) Fluoranthene	19.045	202	2024827	12.508	ng/ul#	89
82) Pyrene	19.410	202	2180182	13.228	ng/ul#	89
83) Butylbenzylphthalate	20.327	149	787930	20.690	ng/ul#	97
84) 3,3'-Dichlorobenzidine	21.098	252	579674	11.526	ng/ul#	96
85) Benzo(a)anthracene	21.163	228	1976917	11.764	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.116	149	1309677	21.494	ng/ul#	93
87) Chrysene	21.210	228	1942900	11.986	ng/ul	99
89) Di-n-octyl phthalate	21.986	149	2146151	19.709	ng/ul	100
90) Benzo(b)fluoranthene	22.727	252	1993245	11.271	ng/ul#	95
91) Benzo(k)fluoranthene	22.774	252	1907942	11.461	ng/ul#	95
93) Benzo(a)pyrene	23.298	252	1912445	11.033	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	25.645	276	2130415	10.676	ng/ul#	93
95) Dibenzo(a,h)anthracene	25.662	278	1806172m	10.774	ng/ul	
96) Benzo(g,h,i)perylene	26.333	276	1763953	10.196	ng/ul#	93

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

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