Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023913.D
Acq On : 02 Feb 2023 20:12
Operator : CG/JU
Sample : PB150496BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 03 01:20:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 02 02:10:45 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SLCS496

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	142206	20.000	ng/ul	0.00
20) Naphthalene-d8	10.663	136	591158	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.504	164	378889	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.257	188	834563	20.000	ng/ul	0.00
79) Chrysene-d12	21.451	240	673025	20.000	ng/ul	0.00
88) Perylene-d12	23.833	264	613032	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	24263	6.886	ng/uL	0.00
4) Pyridine-d5	3.664	84	332288	33.753	ng/ul	0.00
7) Phenol-d5	7.022	99	446733	35.974	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	276694	35.256	ng/ul	0.00
11) 2-Chlorophenol-d4	7.381	132	360782	37.156	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	361422	36.689	ng/ul	0.00
21) Nitrobenzene-d5	9.022	128	176082	36.712	ng/ul	0.00
24) 2-Nitrophenol-d4	9.746	143	202895	37.178	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	379828	37.274	ng/ul	0.00
31) 4-Chloroaniline-d4	10.804	131	445579	32.052	ng/ul	0.00
46) Dimethylphthalate-d6	13.922	166	1134947	37.519	ng/ul	0.00
49) Acenaphthylene-d8	14.198	160	1258032	38.445	ng/ul	0.00
54) 4-Nitrophenol-d4	14.722	143	199078	36.300	ng/ul	0.00
60) Fluorene-d10	15.498	176	940370	37.082	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.628	200	211684	35.845	ng/ul	0.00
73) Anthracene-d10	17.357	188	1459666	37.569	ng/ul	0.00
81) Pyrene-d10	19.651	212	1639680	40.128	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.686	264	1208153	37.971	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.275	88	47615	13.119	ng/uL#	84
5) Pyridine	3.681	79	333206	33.684	ng/ul	99
6) Benzaldehyde	6.993	77	261013	48.337	ng/ul	98
8) Phenol	7.052	94	455367	36.476	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.281	93	364714	35.859	ng/ul	100
12) 2-Chlorophenol	7.416	128	360309	36.670	ng/ul	98
13) 2-Methylphenol	8.304	108	342622	36.172	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.381	45	449144	34.582	ng/ul	99
16) Acetophenone	8.687	105	555713	36.424	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.675	70	300960	35.934	ng/ul	98
18) 4-Methylphenol	8.640	108	378182	36.860	ng/ul	97
19) Hexachloroethane	8.934	117	150799	36.645	ng/ul	99
22) Nitrobenzene	9.069	77	440312	36.568	ng/ul	100
23) Isophorone	9.599	82	825712	36.333	ng/ul	99
25) 2-Nitrophenol	9.781	139	212565	37.508	ng/ul	98
26) 2,4-Dimethylphenol	9.840	107	419015	37.336	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.081	93	509697	36.711	ng/ul	99
29) 2,4-Dichlorophenol	10.310	162	367893	37.413	ng/ul	96
30) Naphthalene	10.710	128	1181732	36.912	ng/ul	100
32) 4-Chloroaniline	10.834	127	444609	32.135	ng/ul	98
33) Hexachlorobutadiene	10.993	225	255979	37.149	ng/ul	96
34) Caprolactam	11.622	113	112628m	36.654	ng/ul	
35) 4-Chloro-3-methylphenol	11.963	107	391657	37.159	ng/ul	98
36) 2-Methylnaphthalene	12.328	142	800634	36.805	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.545	142	830824	37.332	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.698	216	496547	38.141	ng/ul	96
40) Hexachlorocyclopentadiene	12.669	237	324165	34.586	ng/ul	97
41) 2,4,6-Trichlorophenol	12.940	196	325447	37.889	ng/ul	98
42) 2,4,5-Trichlorophenol	13.010	196	360296	38.725	ng/ul	94
43) 1,1'-Biphenyl	13.339	154	1128407	37.793	ng/ul	99
44) 2-Chloronaphthalene	13.381	162	874068	37.624	ng/ul	98
45) 2-Nitroaniline	13.592	65	262139	37.579	ng/ul	98
47) Dimethylphthalate	13.969	163	1128048	37.576	ng/ul	99
48) 2,6-Dinitrotoluene	14.092	165	229533	38.565	ng/ul	99
50) Acenaphthylene	14.228	152	1317592	37.489	ng/ul	99
51) 3-Nitroaniline	14.422	138	203684	38.016	ng/ul	99
52) Acenaphthene	14.569	153	922704	37.820	ng/ul	98
53) 2,4-Dinitrophenol	14.628	184	140112	33.487	ng/ul	99
55) 4-Nitrophenol	14.734	109	176628	37.885	ng/ul	98
56) Dibenzofuran	14.904	168	1315643	37.801	ng/ul	99
57) 2,4-Dinitrotoluene	14.881	165	335010	39.783	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.134	232	302632	36.473	ng/ul#	96
59) Diethylphthalate	15.334	149	1119911	37.543	ng/ul	98
61) Fluorene	15.557	166	1057032	37.137	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.551	204	564177	37.783	ng/ul	99
63) 4-Nitroaniline	15.592	138	218434m	44.920	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.639	198	207581	36.508	ng/ul	97
67) N-Nitrosodiphenylamine	15.769	169	910945	37.803	ng/ul	97
68) 4-Bromophenyl-phenylether	16.445	248	371311	37.988	ng/ul	97
69) Hexachlorobenzene	16.557	284	415801	36.822	ng/ul	93
70) Atrazine	16.728	200	350538	36.204	ng/ul	99
71) Pentachlorophenol	16.904	266	254828	35.246	ng/ul	99
72) Phenanthrene	17.298	178	1665198	37.048	ng/ul	98
74) Anthracene	17.392	178	1696228	37.863	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.304	216	493376	38.425	ng/uL	98
76) Pentachlorobenzene	14.822	250	483478	37.758	ng/uL	96
77) Carbazole	17.663	167	1450159	36.940	ng/ul	99
78) Di-n-butylphthalate	18.227	149	1887027	22.427	ng/ul	99
80) Fluoranthene	19.316	202	1930070	40.461	ng/ul	99
82) Pyrene	19.680	202	1956071	40.315	ng/ul	100
83) Butylbenzylphthalate	20.580	149	776231	38.360	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.369	252	571819	36.175	ng/ul	99
85) Benzo(a)anthracene	21.433	228	1776889	38.098	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.357	149	1176362	39.405	ng/ul	99
87) Chrysene	21.492	228	1659095	38.552	ng/ul	96
89) Di-n-octyl phthalate	22.286	149	1774793	38.489	ng/ul	100
90) Benzo(b)fluoranthene	23.115	252	1565091	37.018	ng/ul	98
91) Benzo(k)fluoranthene	23.163	252	1574294	39.431	ng/ul	98
93) Benzo(a)pyrene	23.739	252	1360370	38.245	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.315	276	1676088	39.050	ng/ul	98
95) Dibenzo(a,h)anthracene	26.333	278	1379768	38.868	ng/ul	97
96) Benzo(g,h,i)perylene	27.074	276	1358141m	40.185	ng/ul	

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

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