Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112522\
Data File : BP012760.D
Acq On : 26 Nov 2022 10:45
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Nov 27 21:49:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112522.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 25 15:59:22 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020677

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/28/2022
Supervised By :mohammad ahmed 11/30/2022

Supervised By :mohammad ahmed
11/30/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	562086	20.000	ng/ul	0.00
20) Naphthalene-d8	10.840	136	2482984	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.657	164	1621764	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.410	188	3401862	20.000	ng/ul	0.00
79) Chrysene-d12	21.498	240	2825653	20.000	ng/ul	0.00
88) Perylene-d12	24.010	264	2112562	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	116881	8.911	ng/uL	0.00
4) Pyridine-d5	3.822	84	850855	21.676	ng/ul	0.00
7) Phenol-d5	7.169	99	989661	21.427	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.346	67	619561	21.769	ng/ul	0.00
11) 2-Chlorophenol-d4	7.546	132	774285	22.000	ng/ul	0.00
15) 4-Methylphenol-d8	8.722	113	799624	21.487	ng/ul	0.00
21) Nitrobenzene-d5	9.187	128	363184	23.898	ng/ul	0.00
24) 2-Nitrophenol-d4	9.910	143	391499	24.262	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.452	165	840742	22.330	ng/ul	0.00
31) 4-Chloroaniline-d4	10.969	131	1134104	21.996	ng/ul	0.00
46) Dimethylphthalate-d6	14.063	166	2485564	22.266	ng/ul	0.00
49) Acenaphthylene-d8	14.351	160	2913215	22.367	ng/ul	0.00
54) 4-Nitrophenol-d4	14.834	143	432936	21.753	ng/ul	0.00
60) Fluorene-d10	15.651	176	2172996	22.228	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	349141	21.473	ng/ul	0.00
73) Anthracene-d10	17.510	188	3332078	22.251	ng/ul	0.00
81) Pyrene-d10	19.733	212	3612823	22.004	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.845	264	2270729	21.883	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	123839	8.791	ng/uL	95
5) Pyridine	3.840	79	846271	22.033	ng/ul	99
6) Benzaldehyde	7.152	77	514832	22.829	ng/ul	99
8) Phenol	7.193	94	1049769	21.675	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.440	93	862690	21.740	ng/ul	99
12) 2-Chlorophenol	7.581	128	839274	21.922	ng/ul	99
13) 2-Methylphenol	8.458	108	809429	21.504	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.558	45	1238684	21.641	ng/ul	99
16) Acetophenone	8.846	105	1332679	22.594	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.834	70	650502	22.388	ng/ul	99
18) 4-Methylphenol	8.787	108	903059	21.784	ng/ul	97
19) Hexachloroethane	9.110	117	326068	22.210	ng/ul	97
22) Nitrobenzene	9.228	77	924014	23.182	ng/ul	100
23) Isophorone	9.757	82	1910861	21.747	ng/ul	100
25) 2-Nitrophenol	9.946	139	472283	24.383	ng/ul	96
26) 2,4-Dimethylphenol	9.999	107	969477	22.525	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.240	93	1184238	21.982	ng/ul	99
29) 2,4-Dichlorophenol	10.475	162	868189	22.259	ng/ul	98
30) Naphthalene	10.887	128	2834753	21.803	ng/ul	100
32) 4-Chloroaniline	10.993	127	1192536	22.521	ng/ul	100
33) Hexachlorobutadiene	11.175	225	563515	21.691	ng/ul	99
34) Caprolactam	11.757	113	254987m	21.290	ng/ul	
35) 4-Chloro-3-methylphenol	12.104	107	892432	22.595	ng/ul	99
36) 2-Methylnaphthalene	12.493	142	1982327	22.141	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.710	142	1988639	22.162	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.851	216	1124191	21.738	ng/ul	100
40)	Hexachlorocyclopentadiene	12.834	237	513145	20.593	ng/ul	99
41)	2,4,6-Trichlorophenol	13.087	196	721473	22.296	ng/ul	99
42)	2,4,5-Trichlorophenol	13.157	196	778148	22.370	ng/ul	99
43)	1,1'-Biphenyl	13.493	154	2608971	22.084	ng/ul	99
44)	2-Chloronaphthalene	13.534	162	2075115	21.956	ng/ul	99
45)	2-Nitroaniline	13.734	65	474017	25.634	ng/ul	97
47)	Dimethylphthalate	14.110	163	2599530	22.216	ng/ul	100
48)	2,6-Dinitrotoluene	14.228	165	460915	25.169	ng/ul	98
50)	Acenaphthylene	14.381	152	3177771	22.312	ng/ul	100
51)	3-Nitroaniline	14.551	138	457466	21.570	ng/ul	99
52)	Acenaphthene	14.722	153	2213580	22.077	ng/ul	98
53)	2,4-Dinitrophenol	14.757	184	230935	19.625	ng/ul	96
55)	4-Nitrophenol	14.851	109	315748	21.837	ng/ul	97
56)	Dibenzofuran	15.057	168	3074717	22.247	ng/ul	99
57)	2,4-Dinitrotoluene	15.010	165	672977	24.903	ng/ul	99
58)	2,3,4,6-Tetrachlorophenol	15.275	232	679432	22.661	ng/ul	100
59)	Diethylphthalate	15.475	149	2514040	22.195	ng/ul	99
61)	Fluorene	15.704	166	2514836	22.690	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.698	204	1293259	22.489	ng/ul	99
63)	4-Nitroaniline	15.716	138	407086	22.521	ng/ul	99
66)	4,6-Dinitro-2-methylph...	15.775	198	384207	22.014	ng/ul	95
67)	N-Nitrosodiphenylamine	15.910	169	2151858	22.257	ng/ul	99
68)	4-Bromophenyl-phenylether	16.592	248	470594	14.055	ng/ul	96
69)	Hexachlorobenzene	16.710	284	914263	21.424	ng/ul	98
70)	Atrazine	16.863	200	712500	21.480	ng/ul	99
71)	Pentachlorophenol	17.051	266	542431	20.699	ng/ul	99
72)	Phenanthrene	17.451	178	3966406	21.877	ng/ul	100
74)	Anthracene	17.545	178	4003202	22.318	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.457	216	1138027	21.639	ng/uL	99
76)	Pentachlorobenzene	14.969	250	1183709	21.652	ng/uL	99
77)	Carbazole	17.810	167	3501873	23.078	ng/ul	100
78)	Di-n-butylphthalate	18.357	149	4029918	22.435	ng/ul	99
80)	Fluoranthene	19.410	202	4446293	21.772	ng/ul	100
82)	Pyrene	19.763	202	4594854	21.754	ng/ul	99
83)	Butylbenzylphthalate	20.633	149	1296602	26.232	ng/ul	95
84)	3,3'-Dichlorobenzidine	21.404	252	988223	19.045	ng/ul	99
85)	Benzo(a)anthracene	21.480	228	4011991	20.528	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.398	149	1829470	24.203	ng/ul	99
87)	Chrysene	21.533	228	3724041	19.708	ng/ul	100
89)	Di-n-octyl phthalate	22.363	149	2523514	20.918	ng/ul	100
90)	Benzo(b)fluoranthene	23.239	252	3148620	20.127	ng/ul	99
91)	Benzo(k)fluoranthene	23.292	252	3263311	20.898	ng/ul	99
93)	Benzo(a)pyrene	23.898	252	2616955	20.343	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	26.651	276	2739907	22.077	ng/ul	99
95)	Dibenzo(a,h)anthracene	26.668	278	2462695	21.868	ng/ul	99
96)	Benzo(g,h,i)perylene	27.457	276	2419259	22.663	ng/ul	99

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

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