Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040124\
Data File : BM044865.D
Acq On : 01 Apr 2024 14:59
Operator : MA/JU
Sample : PB159895BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 01 15:35:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Mar 31 13:54:26 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS895

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	91648	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.439	136	377053	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.310	164	209385	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.062	188	371757	20.000	ng/ul	0.00
79) Chrysene-d12	21.268	240	312928	20.000	ng/ul	0.00
88) Perylene-d12	23.497	264	362080	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	15558	5.758	ng/uL	0.00
4) Pyridine-d5	3.628	84	237373	29.846	ng/ul	0.00
7) Phenol-d5	6.839	99	277267	29.426	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.016	67	183160	31.470	ng/ul	0.00
11) 2-Chlorophenol-d4	7.192	132	214593	30.992	ng/ul	0.00
15) 4-Methylphenol-d8	8.369	113	213689	28.877	ng/ul	0.00
21) Nitrobenzene-d5	8.822	128	107588m	33.886	ng/ul	0.00
24) 2-Nitrophenol-d4	9.533	143	119150	34.811	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	201544	34.598	ng/ul	0.00
31) 4-Chloroaniline-d4	10.586	131	260300	26.905	ng/ul	0.00
46) Dimethylphthalate-d6	13.733	166	519234	31.613	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	612151	32.588	ng/ul	0.00
54) 4-Nitrophenol-d4	14.533	143	88292	25.921	ng/ul	0.00
60) Fluorene-d10	15.304	176	429609	31.125	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.445	200	80003	33.153	ng/ul	0.00
73) Anthracene-d10	17.162	188	599712	33.749	ng/ul	0.00
81) Pyrene-d10	19.462	212	642827	33.493	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.356	264	655815	34.460	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.263	88	30431	10.878	ng/uL#	91
5) Pyridine	3.646	79	215286	26.099	ng/ul#	79
6) Benzaldehyde	6.822	77	133557	32.542	ng/ul	88
8) Phenol	6.869	94	267143	27.780	ng/ul#	86
10) Bis(2-Chloroethyl)ether	7.104	93	215685	27.315	ng/ul	92
12) 2-Chlorophenol	7.228	128	209622	29.351	ng/ul	97
13) 2-Methylphenol	8.104	108	197822	27.108	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.181	45	365634	35.063	ng/ul#	93
16) Acetophenone	8.486	105	323625	28.198	ng/ul#	91
17) N-Nitroso-di-n-propyla...	8.475	70	171178	28.869	ng/ul#	80
18) 4-Methylphenol	8.434	108	211562	26.633	ng/ul	98
19) Hexachloroethane	8.716	117	94983	32.467	ng/ul	97
22) Nitrobenzene	8.863	77	256603	34.079	ng/ul	94
23) Isophorone	9.386	82	479272	31.199	ng/ul	96
25) 2-Nitrophenol	9.563	139	118249	31.689	ng/ul#	87
26) 2,4-Dimethylphenol	9.628	107	219690	32.356	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.869	93	285298	29.530	ng/ul	98
29) 2,4-Dichlorophenol	10.092	162	188173	32.356	ng/ul	99
30) Naphthalene	10.486	128	656444	30.739	ng/ul	99
32) 4-Chloroaniline	10.616	127	226402	24.274	ng/ul	100
33) Hexachlorobutadiene	10.751	225	118153	36.248	ng/ul	98
34) Caprolactam	11.416	113	57650m	25.455	ng/ul	
35) 4-Chloro-3-methylphenol	11.739	107	195300	28.958	ng/ul	97
36) 2-Methylnaphthalene	12.104	142	422071	29.721	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.327	142	416882	29.758	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.474	216	207989	34.916	ng/ul	99
40) Hexachlorocyclopentadiene	12.439	237	118118	29.871	ng/ul	99
41) 2,4,6-Trichlorophenol	12.727	196	136505	32.688	ng/ul	97
42) 2,4,5-Trichlorophenol	12.804	196	145062	32.414	ng/ul	98
43) 1,1'-Biphenyl	13.133	154	525253	31.591	ng/ul	100
44) 2-Chloronaphthalene	13.174	162	410433	31.456	ng/ul	100
45) 2-Nitroaniline	13.398	65	139670	34.098	ng/ul	93
47) Dimethylphthalate	13.780	163	496680	29.717	ng/ul	100
48) 2,6-Dinitrotoluene	13.904	165	100699	30.164	ng/ul	88
50) Acenaphthylene	14.027	152	677319	30.937	ng/ul	99
51) 3-Nitroaniline	14.233	138	101834	28.240	ng/ul	92
52) Acenaphthene	14.368	153	445056	30.922	ng/ul	99
53) 2,4-Dinitrophenol	14.451	184	52638	24.649	ng/ul	84
55) 4-Nitrophenol	14.545	109	76083	31.880	ng/ul#	80
56) Dibenzofuran	14.710	168	586353	30.627	ng/ul	97
57) 2,4-Dinitrotoluene	14.698	165	140929	29.244	ng/ul#	66
58) 2,3,4,6-Tetrachlorophenol	14.939	232	113238	30.576	ng/ul	97
59) Diethylphthalate	15.151	149	502674	28.980	ng/ul	100
61) Fluorene	15.362	166	478322	30.548	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.362	204	234670	32.291	ng/ul	99
63) 4-Nitroaniline	15.404	138	103094m	29.913	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.462	198	82289	31.911	ng/ul	96
67) N-Nitrosodiphenylamine	15.580	169	381291	34.054	ng/ul	97
68) 4-Bromophenyl-phenylether	16.257	248	135837	36.531	ng/ul	98
69) Hexachlorobenzene	16.357	284	155769	36.779	ng/ul	99
70) Atrazine	16.545	200	97724	26.709	ng/ul	98
71) Pentachlorophenol	16.709	266	91810	32.828	ng/ul	98
72) Phenanthrene	17.104	178	676804	32.093	ng/ul	99
74) Anthracene	17.198	178	696017	32.634	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.092	216	203595	41.002	ng/uL	99
76) Pentachlorobenzene	14.621	250	191548	39.901	ng/uL	99
77) Carbazole	17.480	167	613169	30.595	ng/ul	100
78) Di-n-butylphthalate	18.045	149	813649	30.182	ng/ul#	99
80) Fluoranthene	19.127	202	721694	31.575	ng/ul	97
82) Pyrene	19.497	202	755406	31.745	ng/ul	95
83) Butylbenzylphthalate	20.415	149	334392	28.578	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.192	252	278103	41.084	ng/ul	99
85) Benzo(a)anthracene	21.250	228	730673	31.093	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.192	149	527465	30.918	ng/ul	96
87) Chrysene	21.303	228	675590	31.053	ng/ul	100
89) Di-n-octyl phthalate	22.080	149	872311	26.920	ng/ul	100
90) Benzo(b)fluoranthene	22.827	252	761912	31.448	ng/ul	99
91) Benzo(k)fluoranthene	22.874	252	728188	30.687	ng/ul	99
93) Benzo(a)pyrene	23.397	252	720238	31.779	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.744	276	895699	35.236	ng/ul	98
95) Dibenzo(a,h)anthracene	25.762	278	758473	35.784	ng/ul	97
96) Benzo(g,h,i)perylene	26.426	276	712532	35.125	ng/ul	96

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

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