Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110122\
Data File : BM037303.D
Acq On : 01 Nov 2022 11:24
Operator : CG/JU
Sample : SSTD01085
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 02 02:48:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110122.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 02 02:46:21 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD010034

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay

11/02/2022

Supervised By :mohammad ahmed

11/04/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	302283	20.000	ng/ul	0.00
20) Naphthalene-d8	10.657	136	1387520	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.492	164	931601	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.233	188	1969367	20.000	ng/ul	0.00
79) Chrysene-d12	21.409	240	2071308	20.000	ng/ul	0.00
88) Perylene-d12	23.756	264	1942672	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	26767	3.235	ng/uL	0.00
4) Pyridine-d5	3.699	84	185515	7.173	ng/ul	0.00
7) Phenol-d5	7.028	99	232382	7.548	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.193	67	154684	8.047	ng/ul	0.00
11) 2-Chlorophenol-d4	7.387	132	190974	9.193	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	193070	8.219	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	95877	9.020	ng/ul	0.00
24) 2-Nitrophenol-d4	9.745	143	101471	9.877	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	196572	9.807	ng/ul	0.00
31) 4-Chloroaniline-d4	10.804	131	302879	8.749	ng/ul	0.00
46) Dimethylphthalate-d6	13.910	166	626663	9.547	ng/ul	0.00
49) Acenaphthylene-d8	14.186	160	743384	9.936	ng/ul	0.00
54) 4-Nitrophenol-d4	14.704	143	105940	7.504	ng/ul	0.00
60) Fluorene-d10	15.480	176	564569	9.824	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.610	200	94033	8.679	ng/ul	0.00
73) Anthracene-d10	17.333	188	875042	9.576	ng/ul	0.00
81) Pyrene-d10	19.621	212	984546	9.407	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.603	264	949570	9.746	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	29165	3.283	ng/uL	98
5) Pyridine	3.716	79	189881	7.281	ng/ul	92
6) Benzaldehyde	7.004	77	123233m	8.691	ng/ul	
8) Phenol	7.057	94	249028	7.595	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.287	93	211034	8.235	ng/ul	98
12) 2-Chlorophenol	7.422	128	207580	9.120	ng/ul	99
13) 2-Methylphenol	8.304	108	187124	7.751	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.381	45	309679m	9.137	ng/ul	
16) Acetophenone	8.687	105	329083	8.374	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.669	70	167964	8.322	ng/ul	97
18) 4-Methylphenol	8.640	108	212085	7.957	ng/ul	99
19) Hexachloroethane	8.934	117	84823	9.286	ng/ul	96
22) Nitrobenzene	9.069	77	238593	8.349	ng/ul	99
23) Isophorone	9.592	82	465603	8.376	ng/ul	99
25) 2-Nitrophenol	9.781	139	117531	9.769	ng/ul	99
26) 2,4-Dimethylphenol	9.839	107	232245	8.500	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.075	93	295343	8.710	ng/ul	99
29) 2,4-Dichlorophenol	10.310	162	201817	9.583	ng/ul	98
30) Naphthalene	10.710	128	729661	9.303	ng/ul	99
32) 4-Chloroaniline	10.828	127	313840	8.757	ng/ul	99
33) Hexachlorobutadiene	10.986	225	128465	10.912	ng/ul	99
34) Caprolactam	11.622	113	63475m	8.321	ng/ul	
35) 4-Chloro-3-methylphenol	11.951	107	210643	8.500	ng/ul	97
36) 2-Methylnaphthalene	12.316	142	501602	9.535	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.539	142	507996	9.615	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.686	216	262578	10.229	ng/ul	99
40) Hexachlorocyclopentadiene	12.657	237	117155	7.935	ng/ul	98
41) 2,4,6-Trichlorophenol	12.933	196	165068	10.035	ng/ul	99
42) 2,4,5-Trichlorophenol	13.004	196	180844	10.008	ng/ul	97
43) 1,1'-Biphenyl	13.328	154	671711	9.379	ng/ul	100
44) 2-Chloronaphthalene	13.369	162	539771	9.783	ng/ul	100
45) 2-Nitroaniline	13.586	65	133812	7.703	ng/ul	98
47) Dimethylphthalate	13.957	163	671216	9.615	ng/ul	99
48) 2,6-Dinitrotoluene	14.080	165	122204	9.753	ng/ul	98
50) Acenaphthylene	14.216	152	828264	9.552	ng/ul	99
51) 3-Nitroaniline	14.410	138	121229	8.016	ng/ul	92
52) Acenaphthene	14.557	153	592124	9.515	ng/ul	98
53) 2,4-Dinitrophenol	14.622	184	54762	7.066	ng/ul	95
55) 4-Nitrophenol	14.722	109	82573	7.051	ng/ul	97
56) Dibenzofuran	14.892	168	807102	9.750	ng/ul	99
57) 2,4-Dinitrotoluene	14.863	165	184899	10.040	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.116	232	160064	10.795	ng/ul	99
59) Diethylphthalate	15.316	149	673493	9.469	ng/ul	99
61) Fluorene	15.539	166	678772	9.654	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.533	204	328186	10.144	ng/ul	99
63) 4-Nitroaniline	15.569	138	117359m	8.247	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.621	198	104966	8.996	ng/ul#	91
67) N-Nitrosodiphenylamine	15.751	169	569423	9.455	ng/ul	99
68) 4-Bromophenyl-phenylether	16.427	248	196800	10.665	ng/ul	99
69) Hexachlorobenzene	16.533	284	245478	11.496	ng/ul	96
70) Atrazine	16.698	200	187542	8.945	ng/ul	97
71) Pentachlorophenol	16.886	266	122773	9.034	ng/ul	93
72) Phenanthrene	17.274	178	1078770	9.484	ng/ul	99
74) Anthracene	17.363	178	1081392	9.516	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.292	216	263302	9.930	ng/uL	99
76) Pentachlorobenzene	14.804	250	295012	10.568	ng/uL	99
77) Carbazole	17.639	167	961757	9.059	ng/ul	99
78) Di-n-butylphthalate	18.198	149	1095549	8.894	ng/ul	100
80) Fluoranthene	19.286	202	1206125	9.406	ng/ul	99
82) Pyrene	19.651	202	1300756	9.457	ng/ul	99
83) Butylbenzylphthalate	20.545	149	483479	8.608	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.327	252	442874	9.579	ng/ul	98
85) Benzo(a)anthracene	21.392	228	1288567	9.548	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.315	149	699427	8.165	ng/ul	99
87) Chrysene	21.445	228	1235763	9.706	ng/ul	100
89) Di-n-octyl phthalate	22.221	149	1176644	8.544	ng/ul	100
90) Benzo(b)fluoranthene	23.039	252	1281072	9.943	ng/ul	100
91) Benzo(k)fluoranthene	23.086	252	1251777	10.059	ng/ul	99
93) Benzo(a)pyrene	23.650	252	1084223	9.666	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.185	276	1167958	8.787	ng/ul	100
95) Dibenzo(a,h)anthracene	26.197	278	1050915	8.694	ng/ul	100
96) Benzo(g,h,i)perylene	26.933	276	997698	8.591	ng/ul	99

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

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