Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042710.D
Acq On : 13 Nov 2023 16:25
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 14 00:09:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 14 00:02:28 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SICV033

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/14/2023
Supervised By :mohammad ahmed 11/19/2023

11/14/2023
Supervised By :mohammad ahmed

11/16/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	24625	20.000	ng/ul	0.00
20) Naphthalene-d8	10.651	136	100706	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.492	164	69085	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.245	188	152459	20.000	ng/ul	0.00
79) Chrysene-d12	21.433	240	165397	20.000	ng/ul	0.00
88) Perylene-d12	23.803	264	181347	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	6156	7.844	ng/uL	0.00
4) Pyridine-d5	3.622	84	41047	21.027	ng/ul	0.00
7) Phenol-d5	6.998	99	50083	20.897	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	39494	23.452	ng/ul	0.00
11) 2-Chlorophenol-d4	7.357	132	40442	21.869	ng/ul	0.00
15) 4-Methylphenol-d8	8.557	113	39847	21.116	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	20490	23.207	ng/ul	0.00
24) 2-Nitrophenol-d4	9.745	143	22842	22.115	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.275	165	42632	22.198	ng/ul	0.00
31) 4-Chloroaniline-d4	10.822	131	49853	20.444	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	143235	21.907	ng/ul	0.00
49) Acenaphthylene-d8	14.192	160	151928	21.717	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	11571	15.664	ng/ul	0.00
60) Fluorene-d10	15.486	176	112200	20.723	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.633	200	22485	19.470	ng/ul	0.00
73) Anthracene-d10	17.345	188	175236	20.509	ng/ul	0.00
81) Pyrene-d10	19.645	212	227237	20.981	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.650	264	233223	21.500	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.216	88	7157	8.564	ng/uL	94
5) Pyridine	3.640	79	36286	17.094	ng/ul	98
6) Benzaldehyde	6.998	77	36084	26.242	ng/ul	97
8) Phenol	7.028	94	47053	19.738	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.275	93	37681	19.135	ng/ul	98
12) 2-Chlorophenol	7.387	128	37843	20.563	ng/ul	96
13) 2-Methylphenol	8.287	108	33880	19.058	ng/ul	89
14) 2,2'-oxybis(1-Chloropr...	8.345	45	68747m	19.178	ng/ul	
16) Acetophenone	8.686	105	65040	20.498	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.651	70	38108	19.729	ng/ul#	96
18) 4-Methylphenol	8.622	108	38356	19.845	ng/ul	88
19) Hexachloroethane	8.886	117	19895	19.395	ng/ul	91
22) Nitrobenzene	9.081	77	58248	21.827	ng/ul	97
23) Isophorone	9.586	82	101444	19.087	ng/ul	99
25) 2-Nitrophenol	9.781	139	21005	20.016	ng/ul	100
26) 2,4-Dimethylphenol	9.822	107	38232	17.028	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.075	93	52824	19.668	ng/ul	97
29) 2,4-Dichlorophenol	10.304	162	38056	20.929	ng/ul	99
30) Naphthalene	10.698	128	122309	19.386	ng/ul	100
32) 4-Chloroaniline	10.851	127	46209	19.752	ng/ul	95
33) Hexachlorobutadiene	10.922	225	31852	19.831	ng/ul	99
34) Caprolactam	11.675	113	11376m	21.100	ng/ul	
35) 4-Chloro-3-methylphenol	11.957	107	39417	20.230	ng/ul	89
36) 2-Methylnaphthalene	12.310	142	85239	20.158	ng/ul	95

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.533	142	83746	18.837	ng/ul	97
39)	1,2,4,5-Tetrachloroben...	12.663	216	55338	20.424	ng/ul	99
40)	Hexachlorocyclopentadiene	12.604	237	17100	13.331	ng/ul	92
41)	2,4,6-Trichlorophenol	12.927	196	33571	20.285	ng/ul	96
42)	2,4,5-Trichlorophenol	13.004	196	31528	19.729	ng/ul	97
43)	1,1'-Biphenyl	13.327	154	118772	20.615	ng/ul	99
44)	2-Chloronaphthalene	13.374	162	90624	19.552	ng/ul	97
45)	2-Nitroaniline	13.621	65	33071	21.878	ng/ul	94
47)	Dimethylphthalate	13.963	163	129702	20.366	ng/ul	100
48)	2,6-Dinitrotoluene	14.110	165	25723	21.500	ng/ul	97
50)	Acenaphthylene	14.221	152	154900	19.760	ng/ul	99
51)	3-Nitroaniline	14.457	138	20750	21.209	ng/ul	97
52)	Acenaphthene	14.557	153	100518	18.960	ng/ul	99
53)	2,4-Dinitrophenol	14.668	184	9875	16.600	ng/ul	91
55)	4-Nitrophenol	14.757	109	20845m	17.932	ng/ul	
56)	Dibenzofuran	14.898	168	146147	19.862	ng/ul	98
57)	2,4-Dinitrotoluene	14.898	165	33863	19.279	ng/ul	94
58)	2,3,4,6-Tetrachlorophenol	15.115	232	35365	21.319	ng/ul#	98
59)	Diethylphthalate	15.310	149	127679	19.119	ng/ul	99
61)	Fluorene	15.545	166	119410	19.114	ng/ul	96
62)	4-Chlorophenyl-phenyle...	15.539	204	62880	18.676	ng/ul	96
63)	4-Nitroaniline	15.627	138	18692	20.957	ng/ul	98
66)	4,6-Dinitro-2-methylph...	15.651	198	21038	17.894	ng/ul	97
67)	N-Nitrosodiphenylamine	15.762	169	98022	20.499	ng/ul	99
68)	4-Bromophenyl-phenylether	16.433	248	39254	19.343	ng/ul	93
69)	Hexachlorobenzene	16.515	284	47642	19.204	ng/ul	98
70)	Atrazine	16.709	200	40734	22.116	ng/ul	98
71)	Pentachlorophenol	16.886	266	25860	18.102	ng/ul	95
72)	Phenanthrene	17.292	178	187589	19.696	ng/ul	99
74)	Anthracene	17.380	178	187020	19.521	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.280	216	53513	19.850	ng/uL	97
76)	Pentachlorobenzene	14.786	250	55092	19.476	ng/uL	100
77)	Carbazole	17.674	167	159468	20.159	ng/ul	99
78)	Di-n-butylphthalate	18.192	149	225509	19.495	ng/ul	99
80)	Fluoranthene	19.309	202	233295	18.891	ng/ul	99
82)	Pyrene	19.674	202	251095	19.176	ng/ul	99
83)	Butylbenzylphthalate	20.556	149	105699	18.899	ng/ul	99
84)	3,3'-Dichlorobenzidine	21.362	252	92229	21.788	ng/ul	100
85)	Benzo(a)anthracene	21.415	228	244006	18.793	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.303	149	157427	18.552	ng/ul	99
87)	Chrysene	21.474	228	237422	18.855	ng/ul	99
89)	Di-n-octyl phthalate	22.215	149	279160	19.057	ng/ul	100
90)	Benzo(b)fluoranthene	23.074	252	245137	19.807	ng/ul	99
91)	Benzo(k)fluoranthene	23.121	252	249640	18.949	ng/ul	99
93)	Benzo(a)pyrene	23.697	252	222888	18.482	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	26.279	276	293487	19.582	ng/ul	99
95)	Dibenzo(a,h)anthracene	26.297	278	244162	19.650	ng/ul	99
96)	Benzo(g,h,i)perylene	27.056	276	232669	19.550	ng/ul	99

11/14/2023
Supervised By :mohammad ahmed

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

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