Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042734.D
Acq On : 14 Nov 2023 15:22
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020140

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/15/2023
Supervised By :mohammad ahmed 11/19/2023

Quant Time: Nov 14 16:39:26 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	31693	20.000	ng/ul	0.00
20) Naphthalene-d8	10.645	136	134063	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.486	164	92761	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.239	188	208439	20.000	ng/ul	-0.01
79) Chrysene-d12	21.427	240	228584	20.000	ng/ul	0.00
88) Perylene-d12	23.792	264	257896	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	7800	7.722	ng/uL	0.00
4) Pyridine-d5	3.622	84	55212	21.976	ng/ul	0.00
7) Phenol-d5	6.999	99	63506	20.589	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	47692	22.004	ng/ul	0.00
11) 2-Chlorophenol-d4	7.357	132	47259	19.856	ng/ul	0.00
15) 4-Methylphenol-d8	8.557	113	48203	19.847	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	22273	18.949	ng/ul	0.00
24) 2-Nitrophenol-d4	9.745	143	25635	18.643	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.269	165	50839	19.885	ng/ul	0.00
31) 4-Chloroaniline-d4	10.822	131	62031	19.109	ng/ul	0.00
46) Dimethylphthalate-d6	13.910	166	163414	18.614	ng/ul	0.00
49) Acenaphthylene-d8	14.186	160	181223	19.293	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.739	143	14845	14.967	ng/ul	0.00
60) Fluorene-d10	15.480	176	138012	18.984	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.627	200	27357	17.327	ng/ul	-0.01
73) Anthracene-d10	17.339	188	219649	18.803	ng/ul	-0.01
81) Pyrene-d10	19.639	212	279554	18.676	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.639	264	293426	19.021	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.216	88	9033	8.398	ng/uL	95
5) Pyridine	3.640	79	59371	21.732	ng/ul	97
6) Benzaldehyde	6.999	77	43171	24.394	ng/ul	96
8) Phenol	7.028	94	62350	20.322	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.275	93	52944	20.890	ng/ul	95
12) 2-Chlorophenol	7.387	128	48192	20.346	ng/ul	90
13) 2-Methylphenol	8.287	108	46113	20.155	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.346	45	102704m	22.261	ng/ul	
16) Acetophenone	8.687	105	81538	19.966	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.651	70	52307	21.041	ng/ul	96
18) 4-Methylphenol	8.622	108	48895	19.656	ng/ul	98
19) Hexachloroethane	8.887	117	26153	19.810	ng/ul	88
22) Nitrobenzene	9.075	77	71718	20.188	ng/ul	97
23) Isophorone	9.581	82	143709	20.311	ng/ul	96
25) 2-Nitrophenol	9.775	139	26027	18.631	ng/ul	93
26) 2,4-Dimethylphenol	9.822	107	58160	19.458	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.075	93	72102	20.166	ng/ul	99
29) 2,4-Dichlorophenol	10.298	162	46734	19.307	ng/ul	99
30) Naphthalene	10.698	128	161424	19.220	ng/ul	99
32) 4-Chloroaniline	10.845	127	56496	18.141	ng/ul	98
33) Hexachlorobutadiene	10.916	225	38534	18.021	ng/ul	97
34) Caprolactam	11.663	113	14021m	19.535	ng/ul	
35) 4-Chloro-3-methylphenol	11.957	107	50651	19.528	ng/ul	94
36) 2-Methylnaphthalene	12.310	142	108156	19.214	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.528	142	112231	18.963	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.663	216	66922	18.395	ng/ul	99
40) Hexachlorocyclopentadiene	12.604	237	32648	18.956	ng/ul	98
41) 2,4,6-Trichlorophenol	12.928	196	42861	19.288	ng/ul	93
42) 2,4,5-Trichlorophenol	13.004	196	39635	18.472	ng/ul	96
43) 1,1'-Biphenyl	13.322	154	149282	19.297	ng/ul	97
44) 2-Chloronaphthalene	13.369	162	117036	18.806	ng/ul	99
45) 2-Nitroaniline	13.622	65	43821	21.591	ng/ul	91
47) Dimethylphthalate	13.957	163	161828	18.925	ng/ul	100
48) 2,6-Dinitrotoluene	14.110	165	30461	18.962	ng/ul	94
50) Acenaphthylene	14.216	152	204551	19.434	ng/ul	99
51) 3-Nitroaniline	14.457	138	23053	17.549	ng/ul	93
52) Acenaphthene	14.551	153	134829	18.941	ng/ul	98
53) 2,4-Dinitrophenol	14.663	184	15573	19.496	ng/ul	89
55) 4-Nitrophenol	14.757	109	26306	16.854	ng/ul	90
56) Dibenzofuran	14.892	168	189489	19.179	ng/ul	99
57) 2,4-Dinitrotoluene	14.898	165	45566	19.320	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.110	232	42367	19.021	ng/ul#	96
59) Diethylphthalate	15.304	149	165137	18.417	ng/ul	99
61) Fluorene	15.539	166	160951	19.188	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.533	204	87592	19.376	ng/ul	97
63) 4-Nitroaniline	15.627	138	23810	19.881	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.645	198	30030	18.682	ng/ul	98
67) N-Nitrosodiphenylamine	15.757	169	126020	19.277	ng/ul	99
68) 4-Bromophenyl-phenylether	16.427	248	51173	18.444	ng/ul	92
69) Hexachlorobenzene	16.510	284	63621	18.757	ng/ul	95
70) Atrazine	16.710	200	48458	19.243	ng/ul	98
71) Pentachlorophenol	16.880	266	34636	17.734	ng/ul	98
72) Phenanthrene	17.286	178	249463	19.158	ng/ul	99
74) Anthracene	17.374	178	252788	19.300	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.275	216	70110	19.022	ng/uL	99
76) Pentachlorobenzene	14.780	250	73644	19.043	ng/uL	98
77) Carbazole	17.668	167	203996	18.862	ng/ul	100
78) Di-n-butylphthalate	18.186	149	289105	18.280	ng/ul	98
80) Fluoranthene	19.298	202	309089	18.110	ng/ul	97
82) Pyrene	19.668	202	333811	18.446	ng/ul	99
83) Butylbenzylphthalate	20.551	149	135712	17.558	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.356	252	106785	18.253	ng/ul	100
85) Benzo(a)anthracene	21.409	228	339742	18.934	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.292	149	201962	17.222	ng/ul	98
87) Chrysene	21.462	228	318870	18.323	ng/ul	99
89) Di-n-octyl phthalate	22.203	149	354095	16.997	ng/ul	100
90) Benzo(b)fluoranthene	23.062	252	330320	18.768	ng/ul#	96
91) Benzo(k)fluoranthene	23.109	252	351678	18.771	ng/ul	99
93) Benzo(a)pyrene	23.686	252	321472	18.745	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.256	276	389387	18.269	ng/ul	98
95) Dibenzo(a,h)anthracene	26.268	278	335540	18.989	ng/ul	97
96) Benzo(g,h,i)perylene	27.033	276	322492	19.054	ng/ul	98

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

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