Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042705.D
Acq On : 13 Nov 2023 13:15
Operator : MA/JU
Sample : SSTD01064
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 14 00:00:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 13 16:28:11 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD010028

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.839	152	27097	20.000	ng/ul	0.00
20) Naphthalene-d8	10.651	136	112892	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.498	164	79866	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.251	188	179261	20.000	ng/ul	0.00
79) Chrysene-d12	21.433	240	190890	20.000	ng/ul	0.00
88) Perylene-d12	23.803	264	223374	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	3465	4.012	ng/uL	0.00
4) Pyridine-d5	3.628	84	17491	8.143	ng/ul	0.00
7) Phenol-d5	7.010	99	21546	8.170	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.186	67	16686	9.004	ng/ul	0.00
11) 2-Chlorophenol-d4	7.363	132	18499	9.091	ng/ul	0.00
15) 4-Methylphenol-d8	8.563	113	17111	8.240	ng/ul	0.00
21) Nitrobenzene-d5	9.039	128	8390	8.477	ng/ul	0.00
24) 2-Nitrophenol-d4	9.751	143	9573	8.268	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.280	165	18267	8.485	ng/ul	0.00
31) 4-Chloroaniline-d4	10.827	131	22410	8.198	ng/ul	0.00
46) Dimethylphthalate-d6	13.915	166	67197	8.890	ng/ul	0.00
49) Acenaphthylene-d8	14.198	160	72167	8.923	ng/ul	0.00
54) 4-Nitrophenol-d4	14.757	143	3730	4.368	ng/ul	0.01
60) Fluorene-d10	15.492	176	55080	8.800	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.633	200	9433	6.947	ng/ul	0.00
73) Anthracene-d10	17.345	188	90937	9.052	ng/ul	0.00
81) Pyrene-d10	19.645	212	112017	8.961	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.650	264	120711	9.034	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.222	88	3376	3.671	ng/uL	94
5) Pyridine	3.651	79	20873	8.936	ng/ul#	89
6) Benzaldehyde	7.004	77	15201	10.046	ng/ul	89
8) Phenol	7.034	94	22472	8.567	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.281	93	20253	9.347	ng/ul	96
12) 2-Chlorophenol	7.392	128	18596	9.183	ng/ul	98
13) 2-Methylphenol	8.292	108	15956	8.157	ng/ul	91
14) 2,2'-oxybis(1-Chloropr...	8.351	45	38049m	9.626	ng/ul	
16) Acetophenone	8.692	105	30150	8.635	ng/ul#	85
17) N-Nitroso-di-n-propyla...	8.657	70	19809	9.320	ng/ul	98
18) 4-Methylphenol	8.628	108	18120	8.520	ng/ul	92
19) Hexachloroethane	8.892	117	10839	9.603	ng/ul	90
22) Nitrobenzene	9.086	77	26677	8.918	ng/ul	97
23) Isophorone	9.592	82	54690	9.179	ng/ul	97
25) 2-Nitrophenol	9.786	139	9886	8.404	ng/ul	93
26) 2,4-Dimethylphenol	9.828	107	22365	8.886	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.080	93	27580	9.160	ng/ul	99
29) 2,4-Dichlorophenol	10.304	162	16094	7.896	ng/ul	96
30) Naphthalene	10.704	128	64001	9.049	ng/ul	98
32) 4-Chloroaniline	10.857	127	20578	7.847	ng/ul	98
33) Hexachlorobutadiene	10.927	225	16472	9.148	ng/ul	97
34) Caprolactam	11.674	113	5412m	8.955	ng/ul	
35) 4-Chloro-3-methylphenol	11.963	107	18803	8.609	ng/ul	96
36) 2-Methylnaphthalene	12.316	142	42632	8.994	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.539	142	46300	9.290	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.669	216	27463	8.768	ng/ul	99
40) Hexachlorocyclopentadiene	12.610	237	7555	5.095	ng/ul#	87
41) 2,4,6-Trichlorophenol	12.933	196	16455	8.601	ng/ul	97
42) 2,4,5-Trichlorophenol	13.010	196	16530	8.948	ng/ul	99
43) 1,1'-Biphenyl	13.333	154	59037	8.864	ng/ul	99
44) 2-Chloronaphthalene	13.380	162	47356	8.838	ng/ul	98
45) 2-Nitroaniline	13.633	65	14200	8.126	ng/ul	89
47) Dimethylphthalate	13.963	163	67535	9.173	ng/ul	99
48) 2,6-Dinitrotoluene	14.115	165	11840	8.560	ng/ul	97
50) Acenaphthylene	14.227	152	80870	8.924	ng/ul	99
51) 3-Nitroaniline	14.463	138	8370	7.400	ng/ul#	85
52) Acenaphthene	14.562	153	54755	8.934	ng/ul	100
53) 2,4-Dinitrophenol	14.686	184	3184m	4.630	ng/ul	
55) 4-Nitrophenol	14.774	109	8894m	8.389	ng/ul	
56) Dibenzofuran	14.898	168	74504	8.758	ng/ul	96
57) 2,4-Dinitrotoluene	14.904	165	16071	7.914	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.121	232	16549	8.630	ng/ul	96
59) Diethylphthalate	15.310	149	68974	8.934	ng/ul	99
61) Fluorene	15.545	166	63355	8.772	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.539	204	33743	8.669	ng/ul	95
63) 4-Nitroaniline	15.633	138	8213m	8.236	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.651	198	10209	7.385	ng/ul#	90
67) N-Nitrosodiphenylamine	15.762	169	48565	8.638	ng/ul	95
68) 4-Bromophenyl-phenylether	16.433	248	21212	8.890	ng/ul	95
69) Hexachlorobenzene	16.515	284	26325	9.025	ng/ul	94
70) Atrazine	16.709	200	19997	9.234	ng/ul	94
71) Pentachlorophenol	16.886	266	12922	7.693	ng/ul	95
72) Phenanthrene	17.292	178	100326	8.959	ng/ul	98
74) Anthracene	17.386	178	97431	8.649	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.286	216	28856	9.104	ng/uL	97
76) Pentachlorobenzene	14.792	250	30268	9.101	ng/uL	97
77) Carbazole	17.680	167	78277	8.416	ng/ul	97
78) Di-n-butylphthalate	18.192	149	120791	8.881	ng/ul	99
80) Fluoranthene	19.309	202	124613	8.743	ng/ul	99
82) Pyrene	19.674	202	136137	9.008	ng/ul	99
83) Butylbenzylphthalate	20.556	149	58322	9.035	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.362	252	44914	9.193	ng/ul	99
85) Benzo(a)anthracene	21.415	228	133816	8.930	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.297	149	87262	8.910	ng/ul	99
87) Chrysene	21.468	228	135942	9.354	ng/ul	100
89) Di-n-octyl phthalate	22.209	149	155013	8.591	ng/ul	100
90) Benzo(b)fluoranthene	23.074	252	134833	8.845	ng/ul	99
91) Benzo(k)fluoranthene	23.121	252	141840	8.741	ng/ul	98
93) Benzo(a)pyrene	23.697	252	131574	8.858	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.273	276	163393	8.851	ng/ul	98
95) Dibenzo(a,h)anthracene	26.291	278	134267	8.773	ng/ul	99
96) Benzo(g,h,i)perylene	27.056	276	131817	8.992	ng/ul	97

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

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