Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042718.D
Acq On : 14 Nov 2023 01:00
Operator : MA/JU
Sample : 05016-02MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 15 02:56:21 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 :
A49A1MS

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	27626	20.000	ng/ul	0.00
20) Naphthalene-d8	10.651	136	117107	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.492	164	75860	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.245	188	169252	20.000	ng/ul	0.00
79) Chrysene-d12	21.427	240	186967	20.000	ng/ul	# 0.00
88) Perylene-d12	23.797	264	198107	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	4191	4.760	ng/uL	0.00
4) Pyridine-d5	3.628	84	28603	13.061	ng/ul	0.00
7) Phenol-d5	7.004	99	25547	9.502	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	84683	44.823	ng/ul	0.00
11) 2-Chlorophenol-d4	7.357	132	67619	32.593	ng/ul	0.00
15) 4-Methylphenol-d8	8.563	113	43790	20.685	ng/ul	0.00
21) Nitrobenzene-d5	9.039	128	40837	39.774	ng/ul	0.00
24) 2-Nitrophenol-d4	9.751	143	43260	36.017	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.275	165	81189	36.354	ng/ul	0.00
31) 4-Chloroaniline-d4	10.827	131	81738	28.826	ng/ul	0.00
46) Dimethylphthalate-d6	13.915	166	309705	43.137	ng/ul	0.00
49) Acenaphthylene-d8	14.192	160	310175	40.377	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	6761	8.335	ng/ul	0.00
60) Fluorene-d10	15.486	176	251162	42.245	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.633	200	61107	47.664	ng/ul	0.00
73) Anthracene-d10	17.345	188	425833	44.894	ng/ul	0.00
81) Pyrene-d10	19.644	212	605954	49.493	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.644	264	603245	50.907	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.222	88	6672	7.116	ng/uL	94
5) Pyridine	3.646	79	36715	15.417	ng/ul	99
6) Benzaldehyde	6.998	77	69599	45.117	ng/ul	96
8) Phenol	7.028	94	29883	11.174	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.281	93	100558	45.519	ng/ul	96
12) 2-Chlorophenol	7.392	128	73086	35.398	ng/ul	89
13) 2-Methylphenol	8.286	108	53143	26.647	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.351	45	193789m	48.187	ng/ul	
16) Acetophenone	8.686	105	153159	43.025	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.657	70	99647	45.984	ng/ul	95
18) 4-Methylphenol	8.622	108	52298	24.120	ng/ul	98
19) Hexachloroethane	8.892	117	42170	36.645	ng/ul	86
22) Nitrobenzene	9.080	77	141779	45.688	ng/ul	98
23) Isophorone	9.586	82	276763	44.780	ng/ul	97
25) 2-Nitrophenol	9.780	139	49275	40.379	ng/ul	94
26) 2,4-Dimethylphenol	9.822	107	63058	24.151	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.075	93	140671	45.041	ng/ul	98
29) 2,4-Dichlorophenol	10.304	162	82305	38.925	ng/ul	97
30) Naphthalene	10.704	128	290659	39.618	ng/ul	98
32) 4-Chloroaniline	10.851	127	82340	30.268	ng/ul	95
33) Hexachlorobutadiene	10.922	225	64868	34.730	ng/ul	96
34) Caprolactam	11.692	113	4665m	7.441	ng/ul	
35) 4-Chloro-3-methylphenol	11.957	107	85518	37.744	ng/ul	98
36) 2-Methylnaphthalene	12.316	142	204081	41.504	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.533	142	208401	40.311	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.668	216	129186	43.422	ng/ul	99
40) Hexachlorocyclopentadiene	12.604	237	39376	27.956	ng/ul	98
41) 2,4,6-Trichlorophenol	12.927	196	79160	43.560	ng/ul	93
42) 2,4,5-Trichlorophenol	12.998	196	79758	45.452	ng/ul	98
43) 1,1'-Biphenyl	13.327	154	284244	44.929	ng/ul	98
44) 2-Chloronaphthalene	13.374	162	224337	44.079	ng/ul	97
45) 2-Nitroaniline	13.621	65	90450	54.494	ng/ul	93
47) Dimethylphthalate	13.963	163	336449	48.113	ng/ul	100
48) 2,6-Dinitrotoluene	14.115	165	65161	49.599	ng/ul	95
50) Acenaphthylene	14.221	152	388166	45.096	ng/ul	99
51) 3-Nitroaniline	14.457	138	50848	47.332	ng/ul	99
52) Acenaphthene	14.557	153	263945	45.340	ng/ul	97
53) 2,4-Dinitrophenol	14.662	184	32091	49.126	ng/ul	87
55) 4-Nitrophenol	14.786	109	18644m	14.606	ng/ul	
56) Dibenzofuran	14.898	168	375434	46.465	ng/ul	98
57) 2,4-Dinitrotoluene	14.898	165	106766	55.355	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.115	232	86449	47.460	ng/ul#	98
59) Diethylphthalate	15.315	149	374989	51.138	ng/ul	98
61) Fluorene	15.545	166	338038	49.277	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.539	204	178624	48.316	ng/ul	98
63) 4-Nitroaniline	15.627	138	52538	53.643	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.651	198	68360	52.375	ng/ul	97
67) N-Nitrosodiphenylamine	15.762	169	268970	50.669	ng/ul	99
68) 4-Bromophenyl-phenylether	16.433	248	109922	48.792	ng/ul	91
69) Hexachlorobenzene	16.515	284	140355	50.962	ng/ul	96
70) Atrazine	16.715	200	99342	48.584	ng/ul	99
71) Pentachlorophenol	16.880	266	80725	50.901	ng/ul	98
72) Phenanthrene	17.292	178	561849	53.137	ng/ul	99
74) Anthracene	17.380	178	547216	51.452	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.280	216	131588	43.968	ng/uL	98
76) Pentachlorobenzene	14.786	250	133753	42.594	ng/uL	99
77) Carbazole	17.674	167	491664	55.986	ng/ul	99
78) Di-n-butylphthalate	18.192	149	730535	56.887	ng/ul	99
80) Fluoranthene	19.303	202	758263	54.317	ng/ul#	97
82) Pyrene	19.674	202	808786	54.641	ng/ul	99
83) Butylbenzylphthalate	20.550	149	342347	54.150	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.356	252	169946	35.515	ng/ul	98
85) Benzo(a)anthracene	21.415	228	805463	54.880	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.297	149	523885	54.616	ng/ul	99
87) Chrysene	21.468	228	783696	55.058	ng/ul	99
89) Di-n-octyl phthalate	22.209	149	909093	56.809	ng/ul	100
90) Benzo(b)fluoranthene	23.068	252	782794	57.900	ng/ul#	98
91) Benzo(k)fluoranthene	23.115	252	823646	57.230	ng/ul	99
93) Benzo(a)pyrene	23.697	252	754570	57.277	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.273	276	952254	58.161	ng/ul	98
95) Dibenzo(a,h)anthracene	26.291	278	800617	58.982	ng/ul	98
96) Benzo(g,h,i)perylene	27.044	276	734951	56.529	ng/ul	99

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

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