Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040323\
Data File : VW025545.D
Acq On : 03 Apr 2023 09:18
Operator : SY/MD
Sample : VSTD2.537
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5437

Manual Integrations APPROVED

Reviewed By :Krupa Patel 04/04/2023
Supervised By :Mahesh Dadoda 04/04/2023

Quant Time: Apr 04 02:50:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Apr 03 11:21:06 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.843	114	742974	25.000	ug/L		0.00
28) Chlorobenzene-d5	11.629	117	669024	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	327122	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.363	65	32811	2.712	ug/L		0.00
7) Chloroethane-d5	2.899	69	22924	2.682	ug/L		0.00
11) 1,1-Dichloroethene-d2	4.027	63	63812	2.610	ug/L		0.00
21) 2-Butanone-d5	7.075	46	14341m	5.297	ug/L		0.00
24) Chloroform-d	7.648	84	55163	2.644	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.307	65	30260	2.788	ug/L		0.00
32) Benzene-d6	8.276	84	110957	2.561	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.276	67	35541	2.631	ug/L		0.00
41) Toluene-d8	10.325	98	91364	2.414	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.581	79	11923	2.354	ug/L		0.00
47) 2-Hexanone-d5	10.928	63	8693	4.708	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	25500	2.797	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	29856	2.657	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.015	85	23955m	2.665	ug/L		
3) Chloromethane	2.222	50	26191	2.173	ug/L		99
5) Vinyl chloride	2.375	62	31794	2.386	ug/L		98
6) Bromomethane	2.783	94	17601	2.455	ug/L		100
8) Chloroethane	2.936	64	17474	2.341	ug/L		96
9) Trichlorofluoromethane	3.271	101	22892	2.230	ug/L		96
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	22215	2.156	ug/L	#	54
12) 1,1-Dichloroethene	4.039	96	24721m	2.405	ug/L		
13) Acetone	4.118	43	13530	5.905	ug/L		95
14) Carbon disulfide	4.393	76	87815	2.414	ug/L		98
15) Methyl Acetate	4.679	43	14149	2.759	ug/L		99
16) Methylene chloride	4.917	84	34989	2.963	ug/L		98
17) trans-1,2-Dichloroethene	5.423	96	26971	2.460	ug/L		86
18) Methyl tert-butyl Ether	5.429	73	36698	2.426	ug/L	#	86
19) 1,1-Dichloroethane	6.216	63	53755	2.454	ug/L		96
20) cis-1,2-Dichloroethene	7.173	96	26995	2.367	ug/L	#	99
22) 2-Butanone	7.173	43	16993	5.236	ug/L		93
23) Bromochloromethane	7.514	128	11744	2.511	ug/L		98
25) Chloroform	7.679	83	49143	2.453	ug/L		96
27) 1,2-Dichloroethane	8.404	62	33888	2.521	ug/L		99
29) Cyclohexane	7.959	56	46010	2.125	ug/L		99
30) 1,1,1-Trichloroethane	7.874	97	40679	2.447	ug/L		98
31) Carbon tetrachloride	8.069	117	36846	2.455	ug/L		99
33) Benzene	8.325	78	113029	2.427	ug/L		100
34) Trichloroethene	9.093	95	30071	2.483	ug/L		97
35) Methylcyclohexane	9.337	83	49932	2.283	ug/L		99
37) 1,2-Dichloropropane	9.367	63	29590	2.406	ug/L		98
38) Bromodichloromethane	9.642	83	33968	2.414	ug/L		97
39) cis-1,3-Dichloropropene	10.075	75	38278	2.170	ug/L		96
40) 4-Methyl-2-pentanone	10.209	43	35045	5.034	ug/L		95
42) Toluene	10.386	91	110173	2.323	ug/L		96
44) trans-1,3-Dichloropropene	10.605	75	33343	2.292	ug/L		96

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45) 1,1,2-Trichloroethane	10.788	97	20522	2.617	ug/L		95
46) Tetrachloroethene	10.861	164	20783	2.440	ug/L		93
48) 2-Hexanone	10.965	43	23601	4.907	ug/L		99
49) Dibromochloromethane	11.129	129	19980	2.420	ug/L		97
50) 1,2-Dibromoethane	11.239	107	17744	2.463	ug/L	#	100
51) Chlorobenzene	11.654	112	71334	2.441	ug/L		96
52) Ethylbenzene	11.727	91	121786	2.270	ug/L		99
53) m,p-Xylene	11.837	106	44100	2.241	ug/L		98
54) o-Xylene	12.166	106	39134	2.126	ug/L		97
55) Styrene	12.178	104	67617	2.182	ug/L		100
57) 1,1,2,2-Tetrachloroethane	12.714	83	25702	2.736	ug/L		95
59) Bromoform	12.349	173	11262	2.512	ug/L		95
60) Isopropylbenzene	12.465	105	111937	2.184	ug/L		98
61) 1,2,3-Trichloropropane	12.769	75	18382	2.711	ug/L		98
62) 1,3,5-Trimethylbenzene	12.940	105	81478	2.014	ug/L		100
63) 1,2,4-Trimethylbenzene	13.245	105	80111	2.057	ug/L		99
64) 1,3-Dichlorobenzene	13.495	146	50875	2.396	ug/L		97
65) 1,4-Dichlorobenzene	13.574	146	55358	2.553	ug/L		90
67) 1,2-Dichlorobenzene	13.867	146	44595	2.395	ug/L		99
68) 1,2-Dibromo-3-chloropr...	14.476	75	4659	3.133	ug/L	#	83
69) 1,3,5-Trichlorobenzene	14.623	180	34992	2.461	ug/L		99
70) 1,2,4-trichlorobenzene	15.129	180	28483	2.466	ug/L		90
71) Naphthalene	15.360	128	47153	2.188	ug/L		98
72) 1,2,3-Trichlorobenzene	15.549	180	24557	2.432	ug/L		98

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

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