Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102622\
Data File : VW024979.D
Acq On : 26 Oct 2022 10:53
Operator : SY/VA
Sample : VSTD00562
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD005462

Quant Time: Oct 27 04:15:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Oct 27 04:14:11 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.842	114	303435	25.000	ug/L		0.00
28) Chlorobenzene-d5	11.628	117	275826	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	133794	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.355	65	17566	5.158	ug/L		0.00
7) Chloroethane-d5	2.885	69	9292	4.657	ug/L		0.00
11) 1,1-Dichloroethene-d2	4.025	63	43418	5.119	ug/L		0.00
21) 2-Butanone-d5	7.092	46	10555m	9.183	ug/L		0.01
24) Chloroform-d	7.653	84	47455	5.153	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.305	65	26250	5.092	ug/L		0.00
32) Benzene-d6	8.275	84	90948	5.144	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.274	67	26856	5.184	ug/L		0.00
41) Toluene-d8	10.323	98	86731	5.269	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.579	79	11204	4.878	ug/L		0.00
47) 2-Hexanone-d5	10.927	63	7823	8.742	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	20916	5.057	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	26673	5.188	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.014	85	4371m	4.198	ug/L		
3) Chloromethane	2.221	50	12313	5.058	ug/L		95
5) Vinyl chloride	2.367	62	17116	5.089	ug/L		95
6) Bromomethane	2.782	94	8752	5.214	ug/L		96
8) Chloroethane	2.922	64	6891	4.911	ug/L		95
9) Trichlorofluoromethane	3.263	101	14824	5.254	ug/L		99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	20368	5.098	ug/L		98
12) 1,1-Dichloroethene	4.044	96	19077	5.068	ug/L		93
13) Acetone	4.129	43	8241	10.106	ug/L		78
14) Carbon disulfide	4.391	76	53702	4.884	ug/L		99
15) Methyl Acetate	4.678	43	7776	4.758	ug/L	#	85
16) Methylene chloride	4.916	84	32922	6.111	ug/L		98
17) trans-1,2-Dichloroethene	5.428	96	21001	5.211	ug/L		91
18) Methyl tert-butyl Ether	5.434	73	33540	4.961	ug/L	#	80
19) 1,1-Dichloroethane	6.220	63	38131	5.110	ug/L		99
20) cis-1,2-Dichloroethene	7.171	96	21855	4.975	ug/L		96
22) 2-Butanone	7.177	43	12101	9.891	ug/L		98
23) Bromochloromethane	7.519	128	9574	5.027	ug/L		94
25) Chloroform	7.677	83	40295	5.117	ug/L		92
27) 1,2-Dichloroethane	8.403	62	26956	5.046	ug/L		97
29) Cyclohexane	7.958	56	33169	5.093	ug/L		98
30) 1,1,1-Trichloroethane	7.872	97	35384	5.242	ug/L		99
31) Carbon tetrachloride	8.073	117	31449	5.214	ug/L		97
33) Benzene	8.330	78	87811	5.287	ug/L		100
34) Trichloroethene	9.092	95	23178	5.271	ug/L		97
35) Methylcyclohexane	9.335	83	38658	5.174	ug/L		100
37) 1,2-Dichloropropane	9.372	63	20752	5.148	ug/L		98
38) Bromodichloromethane	9.646	83	29285	5.205	ug/L		98
39) cis-1,3-Dichloropropene	10.073	75	30698	4.817	ug/L		99
40) 4-Methyl-2-pentanone	10.207	43	21546	9.107	ug/L		99
42) Toluene	10.390	91	90401	5.126	ug/L		92
44) trans-1,3-Dichloropropene	10.604	75	26827	4.735	ug/L		96

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Quant Title : SFAM01.0
QLast Update : Thu Oct 27 04:14:11 2022
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	15279	5.020	ug/L		99
46) Tetrachloroethene	10.866	164	16524	5.255	ug/L		92
48) 2-Hexanone	10.969	43	14796	9.043	ug/L		99
49) Dibromochloromethane	11.128	129	18255	4.920	ug/L		97
50) 1,2-Dibromoethane	11.238	107	14492	5.034	ug/L	#	98
51) Chlorobenzene	11.652	112	59237	5.182	ug/L		100
52) Ethylbenzene	11.731	91	104609	5.139	ug/L		99
53) m,p-Xylene	11.835	106	40210	5.103	ug/L		98
54) o-Xylene	12.164	106	37781	5.083	ug/L		98
55) Styrene	12.176	104	65156	5.047	ug/L		93
57) 1,1,2,2-Tetrachloroethane	12.713	83	17888	4.899	ug/L		94
59) Bromoform	12.347	173	9146	4.833	ug/L	#	92
60) Isopropylbenzene	12.463	105	105728	5.256	ug/L		99
61) 1,2,3-Trichloropropane	12.762	75	13611	5.064	ug/L		99
62) 1,3,5-Trimethylbenzene	12.938	105	90749	5.197	ug/L		100
63) 1,2,4-Trimethylbenzene	13.243	105	90119	5.263	ug/L		99
64) 1,3-Dichlorobenzene	13.493	146	43967	5.241	ug/L		99
65) 1,4-Dichlorobenzene	13.573	146	42983	5.135	ug/L		95
67) 1,2-Dichlorobenzene	13.865	146	40492	5.368	ug/L		97
68) 1,2-Dibromo-3-chloropr...	14.481	75	2988	4.810	ug/L		93
69) 1,3,5-Trichlorobenzene	14.627	180	29381	5.287	ug/L		99
70) 1,2,4-trichlorobenzene	15.127	180	20758	4.806	ug/L		97
71) Naphthalene	15.359	128	39645	4.351	ug/L		99
72) 1,2,3-Trichlorobenzene	15.548	180	18216	4.841	ug/L		95

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

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