Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092723\
Data File : VW027189.D
Acq On : 27 Sep 2023 11:43
Operator : SY/MD
Sample : VSTD05057
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD050457

Quant Time: Sep 27 23:10:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092723SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Sep 27 23:07:22 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	620718	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	607021	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	335064	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	446589	45.799	ug/L	0.00
7) Chloroethane-d5	2.899	69	347336	45.016	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	189976	46.885	ug/L	0.00
21) 2-Butanone-d5	7.075	46	190456	93.242	ug/L	0.00
24) Chloroform-d	7.648	84	816155	44.926	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	381027	43.766	ug/L	0.00
32) Benzene-d6	8.276	84	1713513	46.060	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	504663	45.311	ug/L	0.00
41) Toluene-d8	10.325	98	1563232	47.618	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	205814	47.088	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	178689	104.879	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	389447	45.690	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	506816	45.113	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	394734	45.284	ug/L #	89
3) Chloromethane	2.229	50	542730	49.854	ug/L	99
5) Vinyl chloride	2.381	62	600938	50.556	ug/L	97
6) Bromomethane	2.790	94	386113	49.305	ug/L	98
8) Chloroethane	2.930	64	358917	49.752	ug/L	96
9) Trichlorofluoromethane	3.265	101	509899	51.040	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	499882	48.693	ug/L	99
12) 1,1-Dichloroethene	4.045	96	499414	52.007	ug/L	97
13) Acetone	4.119	43	270297	108.496	ug/L	98
14) Carbon disulfide	4.393	76	1599120	49.615	ug/L	100
15) Methyl Acetate	4.667	43	208008	49.815	ug/L	99
16) Methylene chloride	4.917	84	510301	41.997	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	519207	50.251	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	669834	51.805	ug/L	99
19) 1,1-Dichloroethane	6.216	63	946339	49.113	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	562432	51.066	ug/L	96
22) 2-Butanone	7.167	43	347327	114.654	ug/L	99
23) Bromochloromethane	7.514	128	243710	48.493	ug/L	96
25) Chloroform	7.679	83	919251	48.914	ug/L	95
27) 1,2-Dichloroethane	8.398	62	555531	48.254	ug/L	98
29) Cyclohexane	7.959	56	885338	54.821	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	758098	50.240	ug/L	100
31) Carbon tetrachloride	8.069	117	706611	49.578	ug/L	99
33) Benzene	8.325	78	2148692	50.081	ug/L	100
34) Trichloroethene	9.093	95	559567	49.944	ug/L	95
35) Methylcyclohexane	9.337	83	1017204	53.980	ug/L	99
37) 1,2-Dichloropropane	9.368	63	540239	48.842	ug/L	100
38) Bromodichloromethane	9.642	83	654916	49.328	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	861762	52.905	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	582373	108.588	ug/L	99
42) Toluene	10.386	91	2289206	51.956	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	701386	52.540	ug/L	97

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092723SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Sep 27 23:07:22 2023
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45)	1,1,2-Trichloroethane	10.782	97	391717	48.964	ug/L		98
46)	Tetrachloroethene	10.861	164	436723	49.587	ug/L		94
48)	2-Hexanone	10.965	43	474163	112.775	ug/L		98
49)	Dibromochloromethane	11.130	129	431704	49.757	ug/L		99
50)	1,2-Dibromoethane	11.233	107	370351	49.888	ug/L		93
51)	Chlorobenzene	11.654	112	1421618	48.622	ug/L		98
52)	Ethylbenzene	11.727	91	2571394	51.949	ug/L		98
53)	m,p-Xylene	11.837	106	1000445	52.712	ug/L		97
54)	o-Xylene	12.166	106	943348	53.207	ug/L		98
55)	Styrene	12.178	104	1617578	53.000	ug/L		95
57)	1,1,2,2-Tetrachloroethane	12.715	83	471332	49.118	ug/L		98
59)	Bromoform	12.343	173	266298	50.330	ug/L		100
60)	Isopropylbenzene	12.459	105	2617099	53.043	ug/L		99
61)	1,2,3-Trichloropropane	12.763	75	330865	48.232	ug/L		100
62)	1,3,5-Trimethylbenzene	12.940	105	2098373	54.245	ug/L		99
63)	1,2,4-Trimethylbenzene	13.251	105	2091413	55.170	ug/L		100
64)	1,3-Dichlorobenzene	13.495	146	1133966	49.797	ug/L		96
65)	1,4-Dichlorobenzene	13.574	146	1122449	49.061	ug/L		95
67)	1,2-Dichlorobenzene	13.867	146	989422	49.571	ug/L		90
68)	1,2-Dibromo-3-chloropr...	14.483	75	71368	48.564	ug/L	#	81
69)	1,3,5-Trichlorobenzene	14.623	180	746393	50.902	ug/L		99
70)	1,2,4-trichlorobenzene	15.123	180	597996	51.691	ug/L		99
71)	Naphthalene	15.361	128	1128952	55.309	ug/L		99
72)	1,2,3-Trichlorobenzene	15.549	180	502831	48.965	ug/L		94

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

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