Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092723\
Data File : VW027188.D
Acq On : 27 Sep 2023 11:19
Operator : SY/MD
Sample : VSTD02556
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025456

Quant Time: Sep 27 23:09:29 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	676662	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	646939	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	360217	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	238884	22.473	ug/L	0.00
7) Chloroethane-d5	2.899	69	188433	22.403	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	100421	22.735	ug/L	0.00
21) 2-Butanone-d5	7.075	46	102392	45.984	ug/L	0.00
24) Chloroform-d	7.648	84	457112	23.082	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	216705	22.833	ug/L	0.00
32) Benzene-d6	8.276	84	945074	23.836	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	279035	23.507	ug/L	0.00
41) Toluene-d8	10.325	98	855439	24.450	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	111399	23.914	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	92712	51.059	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	216568	23.840	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	270649	22.409	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	204192	21.488	ug/L	100
3) Chloromethane	2.229	50	284699	23.990	ug/L	100
5) Vinyl chloride	2.375	62	310876	23.991	ug/L	100
6) Bromomethane	2.789	94	204800	23.990	ug/L	100
8) Chloroethane	2.936	64	191659	24.371	ug/L	100
9) Trichlorofluoromethane	3.271	101	269617	24.757	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	268875	24.026	ug/L	100
12) 1,1-Dichloroethene	4.045	96	254526	24.314	ug/L	100
13) Acetone	4.119	43	155736	57.344	ug/L	100
14) Carbon disulfide	4.393	76	845120	24.053	ug/L	100
15) Methyl Acetate	4.673	43	111956	24.595	ug/L	100
16) Methylene chloride	4.917	84	292017	22.045	ug/L	100
17) trans-1,2-Dichloroethene	5.423	96	277002	24.593	ug/L	100
18) Methyl tert-butyl Ether	5.423	73	352475	25.007	ug/L	100
19) 1,1-Dichloroethane	6.216	63	508331	24.200	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	298715	24.879	ug/L	100
22) 2-Butanone	7.167	43	184769	55.950	ug/L	100
23) Bromochloromethane	7.514	128	132000	24.094	ug/L	100
25) Chloroform	7.679	83	500588	24.434	ug/L	100
27) 1,2-Dichloroethane	8.398	62	303051	24.147	ug/L	100
29) Cyclohexane	7.959	56	455785	26.481	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	404656	25.162	ug/L	100
31) Carbon tetrachloride	8.069	117	379426	24.979	ug/L	100
33) Benzene	8.325	78	1166780	25.517	ug/L	100
34) Trichloroethene	9.093	95	301061	25.213	ug/L	100
35) Methylcyclohexane	9.337	83	524259	26.104	ug/L	100
37) 1,2-Dichloropropane	9.368	63	297678	25.252	ug/L	100
38) Bromodichloromethane	9.648	83	356617	25.203	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	447717	25.790	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	305342	53.420	ug/L	100
42) Toluene	10.386	91	1208610	25.738	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	370403	26.034	ug/L	100

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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	10.788	97	213765	25.072	ug/L	100
46) Tetrachloroethene	10.861	164	231953	24.712	ug/L	100
48) 2-Hexanone	10.965	43	257202	57.399	ug/L	100
49) Dibromochloromethane	11.123	129	237080	25.639	ug/L	100
50) 1,2-Dibromoethane	11.233	107	200729	25.371	ug/L	100
51) Chlorobenzene	11.654	112	770411	24.724	ug/L	100
52) Ethylbenzene	11.727	91	1396222	26.467	ug/L	100
53) m,p-Xylene	11.837	106	512821	25.352	ug/L	100
54) o-Xylene	12.166	106	495902	26.244	ug/L	100
55) Styrene	12.178	104	872470	26.823	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	258329	25.260	ug/L	100
59) Bromoform	12.349	173	144156	25.343	ug/L	100
60) Isopropylbenzene	12.459	105	1351970	25.488	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	180314	24.450	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	1094187	26.311	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	1088942	26.720	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	607769	24.826	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	587651	23.892	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	515463	24.022	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	38735	24.518	ug/L	100
69) 1,3,5-Trichlorobenzene	14.623	180	389622	24.716	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	306118	24.613	ug/L	100
71) Naphthalene	15.360	128	550968	25.108	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	260366	23.584	ug/L	100

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

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