Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061523\
Data File : VD076433.D
Acq On : 15 Jun 2023 11:39
Operator : KP/SY
Sample : VSTD02554
Misc : 5.00G/10.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD025154

Quant Time: Jun 16 01:15:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 16 01:13:34 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	272538	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	242540	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	117330	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	161927	24.397	ug/L	0.00
7) Chloroethane-d5	2.799	69	127719	23.772	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.917	65	41753	24.100	ug/L	0.00
21) 2-Butanone-d5	6.987	46	49743	46.283	ug/L	0.00
24) Chloroform-d	7.563	84	177318	24.695	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	88407	24.958	ug/L	0.00
32) Benzene-d6	8.199	84	372327	25.095	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	118490	25.020	ug/L	0.00
41) Toluene-d8	10.269	98	340297	24.771	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	49729	25.246	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	36153	49.179	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	84252	25.006	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	104819	24.373	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	104314	24.563	ug/L	100
3) Chloromethane	2.146	50	175346	24.837	ug/L	100
5) Vinyl chloride	2.281	62	193233	25.372	ug/L	100
6) Bromomethane	2.687	94	108318	25.678	ug/L	100
8) Chloroethane	2.834	64	118596	25.422	ug/L	100
9) Trichlorofluoromethane	3.170	101	135441	24.596	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	87511	24.500	ug/L	100
12) 1,1-Dichloroethene	3.934	96	89482	25.201	ug/L	100
13) Acetone	4.022	43	35877	44.056	ug/L	100
14) Carbon disulfide	4.264	76	322230	25.132	ug/L	100
15) Methyl Acetate	4.564	43	48334	24.682	ug/L	100
16) Methylene chloride	4.799	84	107343	22.627	ug/L	100
17) trans-1,2-Dichloroethene	5.311	96	97017	24.507	ug/L	100
18) Methyl tert-butyl Ether	5.311	73	225102	25.073	ug/L	100
19) 1,1-Dichloroethane	6.105	63	179562	24.906	ug/L	100
20) cis-1,2-Dichloroethene	7.075	96	111010	25.120	ug/L	100
22) 2-Butanone	7.081	43	61706	44.498	ug/L	100
23) Bromochloromethane	7.422	128	47528	25.428	ug/L	100
25) Chloroform	7.593	83	175018	24.874	ug/L	100
27) 1,2-Dichloroethane	8.322	62	108652	25.110	ug/L	100
29) Cyclohexane	7.875	56	160953	24.955	ug/L	100
30) 1,1,1-Trichloroethane	7.793	97	142977	25.375	ug/L	100
31) Carbon tetrachloride	7.993	117	113602	25.210	ug/L	100
33) Benzene	8.246	78	412367	25.689	ug/L	100
34) Trichloroethene	9.028	95	103664	25.140	ug/L	100
35) Methylcyclohexane	9.275	83	168600	25.355	ug/L	100
37) 1,2-Dichloropropane	9.305	63	107051	24.461	ug/L	100
38) Bromodichloromethane	9.587	83	130514	26.147	ug/L	100
39) cis-1,3-Dichloropropene	10.016	75	169344	25.341	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	135425	49.743	ug/L	100
42) Toluene	10.334	91	436138	25.425	ug/L	100
44) trans-1,3-Dichloropropene	10.552	75	139296	25.644	ug/L	100

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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	76189	25.381	ug/L	100
46) Tetrachloroethene	10.810	164	78507	24.218	ug/L	100
48) 2-Hexanone	10.922	43	92940	49.845	ug/L	100
49) Dibromochloromethane	11.075	129	86262	25.286	ug/L	100
50) 1,2-Dibromoethane	11.181	107	74077	25.425	ug/L	100
51) Chlorobenzene	11.610	112	272711	25.464	ug/L	100
52) Ethylbenzene	11.687	91	468239	25.325	ug/L	100
53) m,p-Xylene	11.793	106	181386	24.963	ug/L	100
54) o-Xylene	12.122	106	174463	25.217	ug/L	100
55) Styrene	12.134	104	303456	25.388	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.675	83	86421	25.191	ug/L	100
59) Bromoform	12.304	173	52944	25.207	ug/L	100
60) Isopropylbenzene	12.422	105	451479	25.157	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	57639	25.313	ug/L	100
62) 1,3,5-Trimethylbenzene	12.904	105	364324	25.374	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	354287	25.005	ug/L	100
64) 1,3-Dichlorobenzene	13.463	146	202435	25.355	ug/L	100
65) 1,4-Dichlorobenzene	13.540	146	200202	24.876	ug/L	100
67) 1,2-Dichlorobenzene	13.834	146	177435	24.947	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.451	75	12898	25.439	ug/L	100
69) 1,3,5-Trichlorobenzene	14.598	180	133028	24.980	ug/L	100
70) 1,2,4-trichlorobenzene	15.098	180	116894	24.670	ug/L	100
71) Naphthalene	15.334	128	225331	24.838	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	101822	24.746	ug/L	100

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

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