Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110222\
Data File : VW024999.D
Acq On : 02 Nov 2022 09:52
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025483

Quant Time: Nov 03 06:29:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Oct 27 23:51:01 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	271646	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	247197	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	134406	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	60236	19.756	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.040%			
7) Chloroethane-d5	2.885	69	35560	19.909	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.640%			
11) 1,1-Dichloroethene-d2	4.019	63	163627	21.544	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 86.160%			
21) 2-Butanone-d5	7.080	46	46738	45.419	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 90.840%			
24) Chloroform-d	7.647	84	206010	24.989	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.960%			
26) 1,2-Dichloroethane-d4	8.305	65	115266	24.978	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.920%			
32) Benzene-d6	8.275	84	381563	24.082	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.320%			
36) 1,2-Dichloropropane-d6	9.275	67	108695	23.413	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 93.640%			
41) Toluene-d8	10.323	98	347365	23.549	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.200%			
43) trans-1,3-Dichloroprop...	10.573	79	51237	24.889	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 99.560%			
47) 2-Hexanone-d5	10.921	63	38122	47.536	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 95.080%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	91045	24.561	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 98.240%			
66) 1,2-Dichlorobenzene-d4	13.847	152	122206	23.660	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 94.640%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	29537	32.600	ug/L	100
3) Chloromethane	2.221	50	41449	19.020	ug/L	96
5) Vinyl chloride	2.367	62	63844	21.203	ug/L	95
6) Bromomethane	2.782	94	32599	21.694	ug/L	97
8) Chloroethane	2.922	64	25020	19.919	ug/L	95
9) Trichlorofluoromethane	3.257	101	47199	18.686	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	86530	24.191	ug/L	99
12) 1,1-Dichloroethene	4.044	96	80164	23.790	ug/L	92
13) Acetone	4.123	43	32658	44.673	ug/L	92
14) Carbon disulfide	4.385	76	220819	22.433	ug/L	97
15) Methyl Acetate	4.672	43	32884	22.594	ug/L	99
16) Methylene chloride	4.916	84	86535	17.942	ug/L	97
17) trans-1,2-Dichloroethene	5.422	96	87200	24.167	ug/L	91
18) Methyl tert-butyl Ether	5.428	73	141291	23.344	ug/L	98
19) 1,1-Dichloroethane	6.214	63	158344	23.703	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	94171	23.946	ug/L	97
22) 2-Butanone	7.171	43	45708	41.732	ug/L	100
23) Bromochloromethane	7.513	128	41464	24.321	ug/L	94
25) Chloroform	7.677	83	177495	25.176	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	120768	25.254	ug/L	100
29) Cyclohexane	7.952	56	134255	23.001	ug/L	96
30) 1,1,1-Trichloroethane	7.872	97	155288	25.670	ug/L	98
31) Carbon tetrachloride	8.067	117	142340	26.332	ug/L	98
33) Benzene	8.323	78	366945	24.650	ug/L	100
34) Trichloroethene	9.092	95	95977	24.356	ug/L	98
35) Methylcyclohexane	9.335	83	161667	24.144	ug/L	99
37) 1,2-Dichloropropane	9.366	63	86952	24.066	ug/L	99
38) Bromodichloromethane	9.640	83	131808	26.139	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	145672	25.504	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	100985	47.630	ug/L	99
42) Toluene	10.384	91	392403	24.830	ug/L	95
44) trans-1,3-Dichloropropene	10.604	75	129886	25.579	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	67567	24.768	ug/L	98
46) Tetrachloroethene	10.860	164	70143	24.889	ug/L	99
48) 2-Hexanone	10.963	43	67010	45.700	ug/L	97
49) Dibromochloromethane	11.128	129	86425	25.990	ug/L	93
50) 1,2-Dibromoethane	11.232	107	63426	24.584	ug/L	91
51) Chlorobenzene	11.652	112	255429	24.935	ug/L	97
52) Ethylbenzene	11.725	91	456005	24.997	ug/L	97
53) m,p-Xylene	11.835	106	173827	24.616	ug/L	98
54) o-Xylene	12.164	106	168564	25.303	ug/L	96
55) Styrene	12.176	104	292316	25.263	ug/L	89
57) 1,1,2,2-Tetrachloroethane	12.713	83	79904	24.417	ug/L	96
59) Bromoform	12.347	173	45992	24.193	ug/L	97
60) Isopropylbenzene	12.463	105	475748	23.543	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	60765	22.503	ug/L	98
62) 1,3,5-Trimethylbenzene	12.939	105	410342	23.393	ug/L	99
63) 1,2,4-Trimethylbenzene	13.243	105	410506	23.865	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	196567	23.323	ug/L	96
65) 1,4-Dichlorobenzene	13.573	146	205585	24.447	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	175985	23.224	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.481	75	14975	23.998	ug/L	95
69) 1,3,5-Trichlorobenzene	14.621	180	142239	25.481	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	112730	25.982	ug/L	100
71) Naphthalene	15.359	128	227065	24.809	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	97576	25.811	ug/L	99

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

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