Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022322\
Data File : VW022107.D
Acq On : 23 Feb 2022 14:00
Operator : SY/VA
Sample : VSTD02558
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025458

Quant Time: Feb 24 01:26:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Feb 24 01:24:43 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	154741	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	138675	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	77112	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	49815	24.682	ug/L	0.00
7) Chloroethane-d5	2.885	69	36618	23.059	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	72615	23.494	ug/L	0.00
21) 2-Butanone-d5	7.080	46	17230	49.273	ug/L	0.00
24) Chloroform-d	7.647	84	80578	23.339	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	42663	23.772	ug/L	0.00
32) Benzene-d6	8.275	84	156332	24.223	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	43503	24.272	ug/L	0.00
41) Toluene-d8	10.323	98	160061	24.946	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	19287	24.270	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	15487	52.536	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	39783	25.292	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	58555	23.642	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	7580	17.528	ug/L	100
3) Chloromethane	2.215	50	32837	22.159	ug/L	100
5) Vinyl chloride	2.361	62	48898	21.961	ug/L	100
6) Bromomethane	2.776	94	30595	19.674	ug/L	100
8) Chloroethane	2.916	64	27115	21.678	ug/L	100
9) Trichlorofluoromethane	3.257	101	32808	21.703	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	41215	22.347	ug/L	100
12) 1,1-Dichloroethene	4.044	96	36013	22.530	ug/L	100
13) Acetone	4.123	43	12390	45.653	ug/L	100
14) Carbon disulfide	4.385	76	90697	21.885	ug/L	100
15) Methyl Acetate	4.666	43	13941	22.438	ug/L	100
16) Methylene chloride	4.922	84	38323	20.177	ug/L	100
17) trans-1,2-Dichloroethene	5.428	96	38700	22.042	ug/L	100
18) Methyl tert-butyl Ether	5.428	73	55123	23.076	ug/L	100
19) 1,1-Dichloroethane	6.220	63	63741	22.425	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	42703	22.453	ug/L	100
22) 2-Butanone	7.177	43	19036	47.353	ug/L	100
23) Bromochloromethane	7.519	128	20948	22.547	ug/L	100
25) Chloroform	7.677	83	74002	22.314	ug/L	100
27) 1,2-Dichloroethane	8.397	62	45558	22.303	ug/L	100
29) Cyclohexane	7.958	56	54732	23.716	ug/L	100
30) 1,1,1-Trichloroethane	7.878	97	65323	23.413	ug/L	100
31) Carbon tetrachloride	8.067	117	61855	23.327	ug/L	100
33) Benzene	8.323	78	154488	23.042	ug/L	100
34) Trichloroethene	9.092	95	42385	22.079	ug/L	100
35) Methylcyclohexane	9.335	83	70205	23.644	ug/L	100
37) 1,2-Dichloropropane	9.366	63	36396	23.269	ug/L	100
38) Bromodichloromethane	9.646	83	52570	23.437	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	57709	24.272	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	41991	49.712	ug/L	100
42) Toluene	10.384	91	179188	23.614	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	50600	23.683	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	10.786	97	32099	23.143	ug/L	100
46) Tetrachloroethene	10.866	164	38846	23.100	ug/L	100
48) 2-Hexanone	10.963	43	31066	52.990	ug/L	100
49) Dibromochloromethane	11.128	129	40435	24.001	ug/L	100
50) 1,2-Dibromoethane	11.231	107	32307	24.149	ug/L	100
51) Chlorobenzene	11.658	112	120518	22.821	ug/L	100
52) Ethylbenzene	11.731	91	198895	23.683	ug/L	100
53) m,p-Xylene	11.835	106	81522	23.591	ug/L	100
54) o-Xylene	12.164	106	78293	24.079	ug/L	100
55) Styrene	12.182	104	131051	24.042	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	39214	24.367	ug/L	100
59) Bromoform	12.347	173	22686	22.247	ug/L	100
60) Isopropylbenzene	12.463	105	214260	23.146	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	27712	22.770	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	144681	23.505	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	177139	23.548	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	102485	22.318	ug/L	100
65) 1,4-Dichlorobenzene	13.572	146	97781	21.249	ug/L	100
67) 1,2-Dichlorobenzene	13.865	146	92943	22.765	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	6087	23.651	ug/L	100
69) 1,3,5-Trichlorobenzene	14.627	180	76431	23.190	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	57987	23.253	ug/L	100
71) Naphthalene	15.359	128	108755	24.704	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	48166	22.330	ug/L	100

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

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