Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090121\
Data File : VW019977.D
Acq On : 01 Sep 2021 17:46
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD025534

Quant Time: Sep 02 04:00:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Sep 02 03:54:23 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.847	114	293572	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	276186	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	148078	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	100549	22.106	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.440%			
7) Chloroethane-d5	2.897	69	94889	23.767	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 95.080%			
11) 1,1-Dichloroethene-d2	4.031	63	169472	21.472	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 85.880%			
21) 2-Butanone-d5	7.079	46	54026	58.475	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 116.940%			
24) Chloroform-d	7.653	84	204388	25.315	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 101.280%			
26) 1,2-Dichloroethane-d4	8.311	65	108505	24.939	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.760%			
32) Benzene-d6	8.280	84	382515	24.291	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 97.160%			
36) 1,2-Dichloropropane-d6	9.280	67	117498	24.639	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 98.560%			
41) Toluene-d8	10.323	98	348062	24.119	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 96.480%			
43) trans-1,3-Dichloroprop...	10.579	79	48426	24.581	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 98.320%			
47) 2-Hexanone-d5	10.926	63	38336	57.706	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 115.420%			
56) 1,1,2,2-Tetrachloroeth...	12.694	84	108910	28.060	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 112.240%			
66) 1,2-Dichlorobenzene-d4	13.853	152	125338	24.676	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.720%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	60231	20.935	ug/L	94
3) Chloromethane	2.221	50	78175	21.834	ug/L	96
5) Vinyl chloride	2.373	62	138794	26.139	ug/L	96
6) Bromomethane	2.788	94	91507	23.224	ug/L	100
8) Chloroethane	2.934	64	89207	25.628	ug/L	98
9) Trichlorofluoromethane	3.269	101	81853	23.967	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	104244	25.715	ug/L	97
12) 1,1-Dichloroethene	4.050	96	95810	24.101	ug/L	96
13) Acetone	4.123	43	39698	50.332	ug/L	87
14) Carbon disulfide	4.391	76	289155	22.741	ug/L	99
15) Methyl Acetate	4.677	43	41742	25.425	ug/L	99
16) Methylene chloride	4.921	84	110417	21.914	ug/L	98
17) trans-1,2-Dichloroethene	5.433	96	102669	24.585	ug/L	98
18) Methyl tert-butyl Ether	5.427	73	124478	25.894	ug/L #	89
19) 1,1-Dichloroethane	6.226	63	186602	25.208	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	109724	25.958	ug/L	98
22) 2-Butanone	7.177	43	55037	53.849	ug/L	98
23) Bromochloromethane	7.518	128	49163	25.988	ug/L	97
25) Chloroform	7.683	83	198260	25.888	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	127025	25.425	ug/L	97
29) Cyclohexane	7.963	56	159601	24.608	ug/L	98
30) 1,1,1-Trichloroethane	7.878	97	159208	25.793	ug/L	98
31) Carbon tetrachloride	8.073	117	148102	25.739	ug/L	99
33) Benzene	8.329	78	435763	25.708	ug/L	100
34) Trichloroethene	9.091	95	108654	24.657	ug/L	91
35) Methylcyclohexane	9.341	83	191469	25.332	ug/L	99
37) 1,2-Dichloropropane	9.372	63	107965	25.717	ug/L	100
38) Bromodichloromethane	9.646	83	138686	25.501	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	156612	25.333	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	122894	55.052	ug/L	97
42) Toluene	10.390	91	466210	25.964	ug/L	97
44) trans-1,3-Dichloropropene	10.609	75	141153	25.940	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	79936	26.301	ug/L	97
46) Tetrachloroethene	10.865	164	84450	25.300	ug/L	94
48) 2-Hexanone	10.969	43	86170	55.452	ug/L	96
49) Dibromochloromethane	11.128	129	89227	25.665	ug/L	89
50) 1,2-Dibromoethane	11.237	107	75909	26.592	ug/L	96
51) Chlorobenzene	11.658	112	294136	25.792	ug/L	98
52) Ethylbenzene	11.731	91	499304	25.828	ug/L	98
53) m,p-Xylene	11.841	106	196227	26.433	ug/L	98
54) o-Xylene	12.164	106	184585	26.285	ug/L	99
55) Styrene	12.182	104	327607	27.302	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	99405	26.671	ug/L	96
59) Bromoform	12.353	173	49063	24.955	ug/L	96
60) Isopropylbenzene	12.463	105	499376	24.889	ug/L	99
61) 1,2,3-Trichloropropane	12.767	75	73883	25.448	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	419127	26.172	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	420266	25.890	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	222147	24.834	ug/L	98
65) 1,4-Dichlorobenzene	13.578	146	231247	25.150	ug/L	87
67) 1,2-Dichlorobenzene	13.871	146	200821	24.722	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	14757	23.316	ug/L	98
69) 1,3,5-Trichlorobenzene	14.627	180	157535	25.559	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	115628	24.414	ug/L	97
71) Naphthalene	15.365	128	245414	25.981	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	109663	25.005	ug/L	98

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

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