Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072122\
Data File : VV026864.D
Acq On : 21 Jul 2022 10:02
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005363

Quant Time: Jul 22 05:49:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jul 21 01:47:16 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	216298	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	220182	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	122794	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	88340	4.477	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.600%			
7) Chloroethane-d5	1.561	69	80275	4.708	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.200%			
11) 1,1-Dichloroethene-d2	2.101	63	176865	4.669	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.400%			
20) 2-Butanone-d5	3.895	46	163439	53.069	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.140%			
24) Chloroform-d	4.342	84	178754	5.181	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.600%			
26) 1,2-Dichloroethane-d4	5.024	65	75078	4.981	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.600%			
32) Benzene-d6	5.043	84	340395	5.088	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.800%			
36) 1,2-Dichloropropane-d6	6.066	67	101703	5.070	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.400%			
41) Toluene-d8	7.310	98	316743	5.333	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.600%			
43) trans-1,3-Dichloroprop...	7.622	79	32829	5.002	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 100.000%			
46) 2-Hexanone-d5	8.088	63	128815	45.332	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.660%			
56) 1,1,2,2-Tetrachloroeth...	10.213	84	77222	4.941	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.800%			
66) 1,2-Dichlorobenzene-d4	11.622	152	100731	4.708	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.124	85	142493	5.182	ug/L	99
3) Chloromethane	1.236	50	118695	4.498	ug/L	100
5) Vinyl chloride	1.304	62	130691	4.864	ug/L	100
6) Bromomethane	1.516	94	75812	4.714	ug/L	99
8) Chloroethane	1.577	64	82850	5.234	ug/L	95
9) Trichlorofluoromethane	1.744	101	182636	5.349	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	106801	5.460	ug/L	98
12) 1,1-Dichloroethene	2.111	96	97832	5.158	ug/L	93
13) Acetone	2.185	43	122447	47.255	ug/L #	25
14) Carbon disulfide	2.285	76	281997	5.047	ug/L	99
15) Methyl Acetate	2.436	43	28369	5.413	ug/L #	89
16) Methylene chloride	2.500	84	124486	5.511	ug/L	94
17) Methyl tert-butyl Ether	2.764	73	179888	5.506	ug/L	99
18) trans-1,2-Dichloroethene	2.751	96	100215	5.749	ug/L	95
19) 1,1-Dichloroethane	3.182	63	186870	5.871	ug/L	99
21) 2-Butanone	3.979	43	179778	59.491	ug/L	99
22) cis-1,2-Dichloroethene	3.905	96	98040	5.576	ug/L	99
23) Bromochloromethane	4.243	128	47501	5.865	ug/L	93
25) Chloroform	4.368	83	196421	5.892	ug/L	99

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Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	99430	5.535	ug/L	98
29) 1,1,1-Trichloroethane	4.600	97	167599	5.649	ug/L	98
30) Cyclohexane	4.667	56	126151	4.989	ug/L	99
31) Carbon tetrachloride	4.818	117	148084	5.651	ug/L	98
33) Benzene	5.091	78	410224	5.573	ug/L	100
34) Trichloroethene	5.908	95	101283	5.598	ug/L	99
35) Methylcyclohexane	6.127	83	143531	5.198	ug/L	99
37) 1,2-Dichloropropane	6.169	63	100470	5.708	ug/L	100
38) Bromodichloromethane	6.506	83	129953	5.663	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	120522	5.509	ug/L	97
40) 4-Methyl-2-pentanone	7.223	43	447218	55.003	ug/L	99
42) Toluene	7.384	91	436835	5.876	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	103224	5.747	ug/L	98
45) 1,1,2-Trichloroethane	7.837	97	73310	5.697	ug/L	96
47) Tetrachloroethene	7.972	164	82475	5.812	ug/L	97
48) 2-Hexanone	8.136	43	329541	56.000	ug/L	99
49) Dibromochloromethane	8.242	129	86621	5.841	ug/L	97
50) 1,2-Dibromoethane	8.349	107	65128	5.720	ug/L	93
51) Chlorobenzene	8.879	112	270442	5.754	ug/L	97
52) Ethylbenzene	9.011	91	404016	5.492	ug/L	99
53) m,p-Xylene	9.136	106	163489	5.714	ug/L	97
54) o-Xylene	9.541	106	149362	5.493	ug/L	100
55) Styrene	9.558	104	278256	5.840	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	84220	5.529	ug/L	97
59) Bromoform	9.728	173	41543	5.273	ug/L	99
60) Isopropylbenzene	9.931	105	401357	5.240	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	58721	5.185	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	301948	4.955	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	313951	5.074	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	211183	5.628	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	213660	5.600	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	189549	5.409	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	11274	4.696	ug/L	93
69) 1,3,5-Trichlorobenzene	12.644	180	144921	5.464	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	104167	5.164	ug/L	99
71) Naphthalene	13.500	128	147794	4.423	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	93831	4.999	ug/L	98

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

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