Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072622\
Data File : VU049946.D
Acq On : 27 Jul 2022 05:50
Operator : SY/MD
Sample : N3873-02MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBJ27MS

Quant Time: Jul 27 06:43:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jul 27 05:17:43 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	51771	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	49097	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	25305	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	16410	3.915	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 78.400%			
7) Chloroethane-d5	1.913	69	15170	4.325	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.400%			
11) 1,1-Dichloroethene-d2	2.568	65	7325	3.916	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 78.400%			
20) 2-Butanone-d5	4.626	46	122910	81.502	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 163.000%#			
24) Chloroform-d	5.067	84	44563	4.774	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.400%			
26) 1,2-Dichloroethane-d4	5.700	65	28506	5.208	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.200%			
32) Benzene-d6	5.726	84	71754	4.289	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.800%			
36) 1,2-Dichloropropane-d6	6.690	67	27783	4.807	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.200%			
41) Toluene-d8	7.899	98	61361	4.196	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.000%			
43) trans-1,3-Dichloroprop...	8.179	79	9155	4.363	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.200%			
46) 2-Hexanone-d5	8.633	63	61386	73.823	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 147.640%#			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	34549	7.118	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 142.400%#			
66) 1,2-Dichlorobenzene-d4	12.192	152	23056	4.414	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	35474	6.491	ug/L	100
3) Chloromethane	1.523	50	35621	5.297	ug/L	99
5) Vinyl chloride	1.604	62	34045	6.055	ug/L	99
6) Bromomethane	1.858	94	13888	4.568	ug/L	94
8) Chloroethane	1.932	64	20792	6.417	ug/L	96
9) Trichlorofluoromethane	2.138	101	46287	6.696	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	23724	7.018	ug/L	97
12) 1,1-Dichloroethene	2.581	96	65466	19.137	ug/L #	70
13) Acetone	2.633	43	76716	84.575	ug/L	94
14) Carbon disulfide	2.793	76	59643	5.636	ug/L	99
15) Methyl Acetate	2.951	43	16267	7.193	ug/L	97
16) Methylene chloride	3.044	84	27300	3.538	ug/L	89
17) Methyl tert-butyl Ether	3.366	73	67590	6.099	ug/L	95
18) trans-1,2-Dichloroethene	3.353	96	21153	5.350	ug/L	90
19) 1,1-Dichloroethane	3.871	63	132039	15.450	ug/L	98
21) 2-Butanone	4.707	43	125548	81.610	ug/L	95
22) cis-1,2-Dichloroethene	4.668	96	25710	5.614	ug/L	96
23) Bromochloromethane	4.973	128	13043	6.376	ug/L	94
25) Chloroform	5.089	83	50206	5.538	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.793	62	37407	6.007	ug/L		97
29) 1,1,1-Trichloroethane	5.318	97	59599	8.647	ug/L		99
30) Cyclohexane	5.388	56	37410	6.703	ug/L		96
31) Carbon tetrachloride	5.523	117	35122	6.275	ug/L		98
33) Benzene	5.774	78	101980	5.724	ug/L		100
34) Trichloroethene	6.543	95	25138	5.820	ug/L		97
35) Methylcyclohexane	6.764	83	35303	6.626	ug/L		100
37) 1,2-Dichloropropane	6.790	63	29957	5.900	ug/L	#	97
38) Bromodichloromethane	7.105	83	37437	5.901	ug/L		98
39) cis-1,3-Dichloropropene	7.607	75	33262	4.971	ug/L		98
40) 4-Methyl-2-pentanone	7.790	43	280189	79.111	ug/L		99
42) Toluene	7.967	91	103746	5.822	ug/L		100
44) trans-1,3-Dichloropropene	8.211	75	31880	5.519	ug/L		100
45) 1,1,2-Trichloroethane	8.401	97	23869	6.587	ug/L		97
47) Tetrachloroethene	8.552	164	18910	6.359	ug/L		93
48) 2-Hexanone	8.684	43	227683	86.133	ug/L		99
49) Dibromochloromethane	8.809	129	26157	6.458	ug/L		96
50) 1,2-Dibromoethane	8.925	107	21850	6.790	ug/L		98
51) Chlorobenzene	9.446	112	59193	5.233	ug/L		98
52) Ethylbenzene	9.571	91	96480	5.266	ug/L		99
53) m,p-Xylene	9.694	106	34589	5.132	ug/L		99
54) o-Xylene	10.099	106	34932	5.245	ug/L		98
55) Styrene	10.115	104	53099	4.707	ug/L		98
57) 1,1,2,2-Tetrachloroethane	10.780	83	36027	7.697	ug/L		94
59) Bromoform	10.292	173	15868	7.205	ug/L		98
60) Isopropylbenzene	10.485	105	90950	5.433	ug/L		100
61) 1,2,3-Trichloropropane	10.822	75	25457	7.551	ug/L		98
62) 1,3,5-Trimethylbenzene	11.086	105	69262	4.896	ug/L		98
63) 1,2,4-Trimethylbenzene	11.468	105	64393	4.690	ug/L		97
64) 1,3-Dichlorobenzene	11.745	146	40648	4.911	ug/L		99
65) 1,4-Dichlorobenzene	11.835	146	39423	4.814	ug/L		97
67) 1,2-Dichlorobenzene	12.211	146	42300	5.173	ug/L		99
68) 1,2-Dibromo-3-chloropr...	12.996	75	5946	7.884	ug/L		92
69) 1,3,5-Trichlorobenzene	13.218	180	27598	4.516	ug/L		97
70) 1,2,4-trichlorobenzene	13.838	180	21177	4.127	ug/L		99
71) Naphthalene	14.086	128	49579	4.956	ug/L		99
72) 1,2,3-Trichlorobenzene	14.330	180	22577	4.578	ug/L		94

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

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