

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111924\
 Data File : VV038168.D
 Acq On : 19 Nov 2024 09:40
 Operator : SY/MD
 Sample : VSTD00116
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001216

Quant Time: Nov 19 21:35:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 19 21:34:01 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/21/2024
 Supervised By :Semsettin Yesilyurt 11/21/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	241064	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	261560	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	125047	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	21679	1.173	ug/L	0.00
7) Chloroethane-d5	1.529	69	18050	1.208	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	8788	1.105	ug/L	0.00
20) 2-Butanone-d5	3.841	46	34264m	9.723	ug/L	0.04
24) Chloroform-d	4.246	84	38288	1.068	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.950	65	17454	1.077	ug/L	0.01
32) Benzene-d6	4.960	84	64671	0.957	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	19983	0.963	ug/L	0.00
41) Toluene-d8	7.243	98	56304	0.900	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.564	79	6086	0.805	ug/L	0.01
46) 2-Hexanone-d5	8.043	63	23296m	8.119	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.149	84	17471	0.989	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	22566	1.059	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	22330	0.979	ug/L	96
3) Chloromethane	1.214	50	21046	1.072	ug/L	98
5) Vinyl chloride	1.278	62	22981	1.033	ug/L	88
6) Bromomethane	1.484	94	7642	0.881	ug/L	99
8) Chloroethane	1.545	64	15019	0.964	ug/L	95
9) Trichlorofluoromethane	1.709	101	30928	0.977	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	17835	0.987	ug/L	97
12) 1,1-Dichloroethene	2.066	96	17597	1.022	ug/L	88
13) Acetone	2.133	43	27149	9.931	ug/L	94
14) Carbon disulfide	2.236	76	52731	0.951	ug/L	99
15) Methyl Acetate	2.394	43	6905m	1.026	ug/L	
16) Methylene chloride	2.442	84	21078	1.074	ug/L	97
17) Methyl tert-butyl Ether	2.699	73	35012	0.899	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	17156	0.946	ug/L	98
19) 1,1-Dichloroethane	3.111	63	34355	1.043	ug/L	99
21) 2-Butanone	3.924	43	35999m	9.878	ug/L	
22) cis-1,2-Dichloroethene	3.818	96	17483	0.932	ug/L	95
23) Bromochloromethane	4.153	128	8840	0.965	ug/L	92
25) Chloroform	4.275	83	35848	1.018	ug/L	95
27) 1,2-Dichloroethane	5.053	62	18128	0.946	ug/L	97
29) 1,1,1-Trichloroethane	4.510	97	29402	0.937	ug/L	96
30) Cyclohexane	4.574	56	19151	0.736	ug/L	98
31) Carbon tetrachloride	4.728	117	26246	0.948	ug/L	99
33) Benzene	5.011	78	64794	0.882	ug/L	100
34) Trichloroethene	5.834	95	17710	0.884	ug/L	95
35) Methylcyclohexane	6.043	83	21286	0.751	ug/L	97
37) 1,2-Dichloropropane	6.095	63	15411	0.837	ug/L #	95
38) Bromodichloromethane	6.436	83	22460	0.908	ug/L	94
39) cis-1,3-Dichloropropene	6.963	75	21624m	0.869	ug/L	
40) 4-Methyl-2-pentanone	7.159	43	73937m	7.807	ug/L	
42) Toluene	7.317	91	61372	0.789	ug/L	91
44) trans-1,3-Dichloropropene	7.593	75	16937m	0.793	ug/L	

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45) 1,1,2-Trichloroethane	7.770	97	14629	0.980	ug/L	96
47) Tetrachloroethene	7.902	164	13307	0.827	ug/L	99
48) 2-Hexanone	8.085	43	54531m	8.342	ug/L	
49) Dibromochloromethane	8.172	129	14788	0.909	ug/L	97
50) 1,2-Dibromoethane	8.284	107	12381	0.895	ug/L #	93
51) Chlorobenzene	8.812	112	48186	0.899	ug/L	98
52) Ethylbenzene	8.944	91	64911	0.786	ug/L	98
53) m,p-Xylene	9.072	106	22827	0.733	ug/L	90
54) o-Xylene	9.474	106	23354	0.770	ug/L	89
55) Styrene	9.497	104	39614m	0.751	ug/L	
57) 1,1,2,2-Tetrachloroethane	10.172	83	15797	0.905	ug/L	96
59) Bromoform	9.667	173	6837	0.939	ug/L #	98
60) Isopropylbenzene	9.863	105	58246	0.809	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	10729	1.002	ug/L	96
62) 1,3,5-Trimethylbenzene	10.471	105	46021	0.805	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	47614	0.835	ug/L	94
64) 1,3-Dichlorobenzene	11.117	146	33921	0.877	ug/L	97
65) 1,4-Dichlorobenzene	11.204	146	35307	0.903	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	33353	0.932	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	2172m	0.904	ug/L	
69) 1,3,5-Trichlorobenzene	12.577	180	24700	0.902	ug/L	96
70) 1,2,4-trichlorobenzene	13.197	180	18219m	0.805	ug/L	
71) Naphthalene	13.445	128	24936m	0.708	ug/L	
72) 1,2,3-Trichlorobenzene	13.676	180	15625	0.747	ug/L	98

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

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