

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
 Data File : VV037598.D
 Acq On : 27 Sep 2024 11:58
 Operator : SY/MD
 Sample : P4185-08MSD
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY028MSD

Quant Time: Sep 27 23:47:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 23:45:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	664356	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	642623	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	349815	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	223915	38.394	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.780%
7) Chloroethane-d5	1.532	69	186884	41.283	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.560%
11) 1,1-Dichloroethene-d2	2.060	65	99489	40.832	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.660%
21) 2-Butanone-d5	3.789	46	231187	111.295	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.300%
24) Chloroform-d	4.243	84	497474	47.946	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.900%
26) 1,2-Dichloroethane-d4	4.937	65	289548	47.676	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.360%
32) Benzene-d6	4.953	84	931263	46.311	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.620%
36) 1,2-Dichloropropane-d6	5.986	67	300672	46.956	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.920%
41) Toluene-d8	7.236	98	881284	48.331	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.660%
43) trans-1,3-Dichloroprop...	7.548	79	148427	49.898	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.800%
47) 2-Hexanone-d5	8.021	63	155097	114.707	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.710%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	388694	52.243	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.480%
66) 1,2-Dichlorobenzene-d4	11.551	152	368125	49.940	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	295292	52.211	ug/L	100
3) Chloromethane	1.217	50	273191	49.754	ug/L	99
5) Vinyl chloride	1.285	62	581706	98.820	ug/L	99
6) Bromomethane	1.487	94	168523	51.587	ug/L	99
8) Chloroethane	1.548	64	360284	99.301	ug/L	100
9) Trichlorofluoromethane	1.712	101	409199	51.643	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	249009	52.590	ug/L	98
12) 1,1-Dichloroethene	2.069	96	296798	67.104	ug/L #	77
13) Acetone	2.111	43	142609	70.032	ug/L	100
14) Carbon disulfide	2.240	76	674293	48.841	ug/L	100
15) Methyl Acetate	2.372	43	183139	51.535	ug/L	99
16) Methylene chloride	2.445	84	250398	50.000	ug/L	96
17) trans-1,2-Dichloroethene	2.690	96	278343	59.487	ug/L	98
18) Methyl tert-butyl Ether	2.706	73	703138	52.378	ug/L	99
19) 1,1-Dichloroethane	3.105	63	6304834	703.278	ug/L	99
20) cis-1,2-Dichloroethene	3.806	96	7414986	1416.124	ug/L	99
22) 2-Butanone	3.876	43	206231	91.500	ug/L	97
23) Bromochloromethane	4.140	128	133831	49.411	ug/L	98
25) Chloroform	4.272	83	456155	49.144	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	355675	54.280	ug/L	98
29) Cyclohexane	4.574	56	373948	51.251	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	4024389	508.468	ug/L	99
31) Carbon tetrachloride	4.728	117	349178	50.744	ug/L	100
33) Benzene	5.005	78	1008702	52.046	ug/L	100
34) Trichloroethene	5.828	95	322261	62.438	ug/L	99
35) Methylcyclohexane	6.043	83	417073	52.528	ug/L	99
37) 1,2-Dichloropropane	6.088	63	256591	51.270	ug/L	99
38) Bromodichloromethane	6.429	83	342643	51.216	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	412716	51.662	ug/L	98
40) 4-Methyl-2-pentanone	7.156	43	459300	112.716	ug/L	100
42) Toluene	7.310	91	1344504	66.918	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	377642	52.506	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	252146	52.470	ug/L	99
46) Tetrachloroethene	7.899	164	254026	64.372	ug/L	99
48) 2-Hexanone	8.072	43	320710	101.218	ug/L	99
49) Dibromochloromethane	8.169	129	259927	51.106	ug/L	99
50) 1,2-Dibromoethane	8.278	107	255657	51.467	ug/L	99
51) Chlorobenzene	8.809	112	694642	50.746	ug/L	99
52) Ethylbenzene	8.940	91	1308295	57.847	ug/L	99
53) m,p-Xylene	9.066	106	565770	67.216	ug/L	97
54) o-Xylene	9.471	106	593090	72.173	ug/L	97
55) Styrene	9.490	104	790124	55.232	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	356714	53.242	ug/L	99
59) Bromoform	9.661	173	174437	51.020	ug/L	98
60) Isopropylbenzene	9.860	105	1198582	52.701	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	252485	50.723	ug/L	98
62) 1,3,5-Trimethylbenzene	10.468	105	1162604	64.659	ug/L	98
63) 1,2,4-Trimethylbenzene	10.844	105	1390749	77.738	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	558442	51.014	ug/L	100
65) 1,4-Dichlorobenzene	11.201	146	575917	50.524	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	557437	51.511	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.358	75	63978	52.948	ug/L	96
69) 1,3,5-Trichlorobenzene	12.574	180	383049	50.884	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	361945	51.822	ug/L	100
71) Naphthalene	13.432	128	1073781	58.844	ug/L	100
72) 1,2,3-Trichlorobenzene	13.670	180	354577	51.408	ug/L	98

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

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