

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072724\
 Data File : VX042584.D
 Acq On : 25 Jul 2024 22:00
 Operator : JC/MD
 Sample : P3334-23MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 E20M6MSD

Quant Time: Jul 26 01:50:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 26 00:18:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	170023	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	151205	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	71511	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	30965	31.289	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.580%
7) Chloroethane-d5	1.648	69	23681	38.005	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.000%
11) 1,1-Dichloroethene-d2	2.294	65	15550	35.902	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.800%
21) 2-Butanone-d5	4.464	46	76128	106.745	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.750%
24) Chloroform-d	5.056	84	94667	47.576	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.160%
26) 1,2-Dichloroethane-d4	5.958	65	61386	52.266	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.540%
32) Benzene-d6	5.970	84	179426	45.909	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.820%
36) 1,2-Dichloropropane-d6	7.305	67	57614	48.984	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.960%
41) Toluene-d8	8.646	98	157993	43.379	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.760%
43) trans-1,3-Dichloroprop...	8.951	79	25032	49.244	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.480%
47) 2-Hexanone-d5	9.384	63	56362	105.570	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.570%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	89579	51.516	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.040%
66) 1,2-Dichlorobenzene-d4	12.323	152	64989	46.789	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.580%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	34088	28.029	ug/L	99
3) Chloromethane	1.300	50	52996	43.122	ug/L	100
5) Vinyl chloride	1.373	62	43266	35.793	ug/L	96
6) Bromomethane	1.599	94	26852	40.767	ug/L	98
8) Chloroethane	1.666	64	25317	42.019	ug/L	99
9) Trichlorofluoromethane	1.873	101	46043	29.267	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.318	101	28183	25.994	ug/L	98
12) 1,1-Dichloroethene	2.312	96	39951	38.902	ug/L #	84
13) Acetone	2.391	43	51446	105.744	ug/L	99
14) Carbon disulfide	2.507	76	100414	39.303	ug/L	98
15) Methyl Acetate	2.708	43	61642	49.866	ug/L	99
16) Methylene chloride	2.788	84	57020	45.002	ug/L	99
17) trans-1,2-Dichloroethene	3.086	96	46628	44.144	ug/L	96
18) Methyl tert-butyl Ether	3.117	73	176306	51.043	ug/L	99
19) 1,1-Dichloroethane	3.605	63	90008	47.454	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	58911	47.474	ug/L	97
22) 2-Butanone	4.568	43	83806	102.907	ug/L	98
23) Bromochloromethane	4.897	128	31882	48.075	ug/L	98
25) Chloroform	5.092	83	98350	49.453	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	77309	52.455	ug/L	99
29) Cyclohexane	5.464	56	43094	26.371	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	73664	44.748	ug/L	99
31) Carbon tetrachloride	5.677	117	57944	40.296	ug/L	100
33) Benzene	6.037	78	201927	47.756	ug/L	100
34) Trichloroethene	7.122	95	48901	44.151	ug/L	95
35) Methylcyclohexane	7.378	83	39992	23.814	ug/L	99
37) 1,2-Dichloropropane	7.427	63	53030	48.880	ug/L	99
38) Bromodichloromethane	7.823	83	66688	50.196	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	79407	49.708	ug/L	99
40) 4-Methyl-2-pentanone	8.573	43	160275	103.574	ug/L	98
42) Toluene	8.720	91	206036	45.667	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	71602	49.992	ug/L	99
45) 1,1,2-Trichloroethane	9.152	97	60155	51.821	ug/L	99
46) Tetrachloroethene	9.274	164	38662	37.292	ug/L	97
48) 2-Hexanone	9.433	43	121253	99.779	ug/L	99
49) Dibromochloromethane	9.518	129	59225	50.095	ug/L	98
50) 1,2-Dibromoethane	9.610	107	63951	51.295	ug/L	99
51) Chlorobenzene	10.079	112	135181	43.648	ug/L	99
52) Ethylbenzene	10.195	91	202030	41.206	ug/L	98
53) m,p-Xylene	10.299	106	80091	40.584	ug/L	100
54) o-Xylene	10.640	106	84968	43.103	ug/L	97
55) Styrene	10.658	104	143849	43.794	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	92386	49.586	ug/L	98
59) Bromoform	10.798	173	49509	55.233	ug/L	99
60) Isopropylbenzene	10.963	105	191582	42.790	ug/L	100
61) 1,2,3-Trichloropropane	11.237	75	70876	55.816	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	160873	47.253	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	165395	45.331	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	99655	44.382	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	99630	43.865	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	108830	47.084	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.944	75	18257	56.165	ug/L	97
69) 1,3,5-Trichlorobenzene	13.109	180	65917	40.404	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	57836	38.976	ug/L	99
71) Naphthalene	13.774	128	220657	48.103	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	66217	42.230	ug/L	99

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

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