

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122724\
 Data File : VX044523.D
 Acq On : 27 Dec 2024 16:08
 Operator : JC/MD
 Sample : P5326-03MSD 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YE680MSD

Quant Time: Dec 27 22:15:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120524WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 27 22:07:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	204615	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	183658	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	87275	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	82522	44.071	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.140%
7) Chloroethane-d5	1.642	69	58394	40.258	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.520%
11) 1,1-Dichloroethene-d2	2.294	65	34854	43.524	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.040%
21) 2-Butanone-d5	4.464	46	103667	90.427	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.430%
24) Chloroform-d	5.056	84	168022	47.260	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.520%
26) 1,2-Dichloroethane-d4	5.946	65	107653	42.818	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.640%
32) Benzene-d6	5.970	84	303327	47.799	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	7.305	67	93130	47.263	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.520%
41) Toluene-d8	8.647	98	269749	45.972	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.940%
43) trans-1,3-Dichloroprop...	8.945	79	41741	44.080	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.160%
47) 2-Hexanone-d5	9.384	63	72402	94.236	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.240%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	127014	48.072	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.140%
66) 1,2-Dichlorobenzene-d4	12.317	152	95636	47.031	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.060%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	71954	43.363	ug/L	97
3) Chloromethane	1.294	50	71598	46.773	ug/L	100
5) Vinyl chloride	1.374	62	75767	45.877	ug/L	96
6) Bromomethane	1.593	94	51463	45.846	ug/L	99
8) Chloroethane	1.660	64	46583	42.606	ug/L	95
9) Trichlorofluoromethane	1.867	101	131159	42.624	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.318	101	67833	50.054	ug/L	96
12) 1,1-Dichloroethene	2.306	96	60320	50.007	ug/L #	77
13) Acetone	2.386	43	70644	69.252	ug/L	93
14) Carbon disulfide	2.501	76	95688	41.875	ug/L	100
15) Methyl Acetate	2.703	43	77306	46.733	ug/L	97
16) Methylene chloride	2.782	84	74024	53.328	ug/L	90
17) trans-1,2-Dichloroethene	3.087	96	64022	50.961	ug/L	94
18) Methyl tert-butyl Ether	3.117	73	249019	49.124	ug/L	97
19) 1,1-Dichloroethane	3.605	63	134081	50.875	ug/L	99
20) cis-1,2-Dichloroethene	4.477	96	80510	52.422	ug/L	98
22) 2-Butanone	4.562	43	106095	86.170	ug/L	100
23) Bromochloromethane	4.897	128	42297	56.474	ug/L	96
25) Chloroform	5.086	83	153432	51.727	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	119973	48.652	ug/L	99
29) Cyclohexane	5.458	56	102495	44.979	ug/L	98
30) 1,1,1-Trichloroethane	5.379	97	124427	49.909	ug/L	98
31) Carbon tetrachloride	5.672	117	98343	50.361	ug/L	98
33) Benzene	6.031	78	280282	50.255	ug/L	100
34) Trichloroethene	7.123	95	78264	51.399	ug/L	98
35) Methylcyclohexane	7.372	83	103676	47.002	ug/L	98
37) 1,2-Dichloropropane	7.427	63	78732	52.573	ug/L	100
38) Bromodichloromethane	7.817	83	99051	50.484	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	118801	50.648	ug/L	99
40) 4-Methyl-2-pentanone	8.573	43	226783	97.816	ug/L	94
42) Toluene	8.714	91	301949	51.096	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	108473	48.790	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	82621	53.836	ug/L	94
46) Tetrachloroethene	9.268	164	55737	54.874	ug/L	94
48) 2-Hexanone	9.433	43	162904	89.240	ug/L	94
49) Dibromochloromethane	9.518	129	72904	53.744	ug/L	94
50) 1,2-Dibromoethane	9.610	107	83452	52.655	ug/L #	95
51) Chlorobenzene	10.079	112	198076	52.245	ug/L	96
52) Ethylbenzene	10.189	91	331567	50.937	ug/L	99
53) m,p-Xylene	10.299	106	123884	52.545	ug/L	96
54) o-Xylene	10.640	106	126771	52.289	ug/L	100
55) Styrene	10.652	104	213668	54.036	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	124044	52.104	ug/L	96
59) Bromoform	10.799	173	45740	52.232	ug/L	97
60) Isopropylbenzene	10.963	105	334727	49.703	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	94702	46.850	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	276248	49.428	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	274587	50.061	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	145432	52.071	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	150579	53.876	ug/L	94
67) 1,2-Dichlorobenzene	12.335	146	151335	53.365	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	20796	45.267	ug/L	90
69) 1,3,5-Trichlorobenzene	13.109	180	98129	56.313	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	88910	57.280	ug/L	96
71) Naphthalene	13.774	128	342377	54.103	ug/L	99
72) 1,2,3-Trichlorobenzene	13.957	180	95674	58.021	ug/L	96

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

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