

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022724\
 Data File : VW034454.D
 Acq On : 27 Feb 2024 17:10
 Operator : SY/MD
 Sample : P1566-08MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 JWAC3MS

Quant Time: Feb 28 03:58:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 28 03:52:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	134306	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	129453	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	68887	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	33149	4.252	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.000%
7) Chloroethane-d5	1.532	69	31108	4.518	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.400%
11) 1,1-Dichloroethene-d2	2.060	65	15296	4.215	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.200%
20) 2-Butanone-d5	3.809	46	123479	60.577	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.160%
24) Chloroform-d	4.252	84	79620	5.086	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
26) 1,2-Dichloroethane-d4	4.944	65	42952	5.392	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.800%
32) Benzene-d6	4.963	84	134810	4.629	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
36) 1,2-Dichloropropane-d6	5.992	67	41432	4.765	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.243	98	121984	4.671	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
43) trans-1,3-Dichloroprop...	7.558	79	17048	5.263	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.200%
46) 2-Hexanone-d5	8.024	63	106432	58.107	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.220%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	36545	5.310	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	51105	4.883	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	44642	5.266	ug/L	96
3) Chloromethane	1.214	50	52306	5.199	ug/L	100
5) Vinyl chloride	1.282	62	52761	5.304	ug/L	98
6) Bromomethane	1.487	94	27228	4.822	ug/L	100
8) Chloroethane	1.548	64	34023	4.834	ug/L	98
9) Trichlorofluoromethane	1.712	101	88193	5.445	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	46867	5.366	ug/L	99
12) 1,1-Dichloroethene	2.069	96	45249	5.380	ug/L	84
13) Acetone	2.137	43	431599	208.177	ug/L	98
14) Carbon disulfide	2.240	76	121207	5.378	ug/L	97
15) Methyl Acetate	2.375	43	668834	188.070	ug/L #	54
16) Methylene chloride	2.445	84	48187	5.016	ug/L	99
17) Methyl tert-butyl Ether	2.706	73	125082	5.720	ug/L	99
18) trans-1,2-Dichloroethene	2.693	96	46230	5.404	ug/L	96
19) 1,1-Dichloroethane	3.114	63	89009	5.407	ug/L	100
21) 2-Butanone	3.889	43	159326	70.001	ug/L	97
22) cis-1,2-Dichloroethene	3.818	96	50550	5.374	ug/L	98
23) Bromochloromethane	4.156	128	22018	5.616	ug/L	93
25) Chloroform	4.278	83	93531	5.470	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	60665	5.814	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	84065	5.191	ug/L	98
30) Cyclohexane	4.584	56	71926	5.164	ug/L	99
31) Carbon tetrachloride	4.738	117	72283	5.143	ug/L	97
33) Benzene	5.011	78	187847	5.243	ug/L	100
34) Trichloroethene	5.834	95	68489	7.320	ug/L	97
35) Methylcyclohexane	6.050	83	73719	5.019	ug/L	97
37) 1,2-Dichloropropane	6.095	63	45591	5.148	ug/L	98
38) Bromodichloromethane	6.436	83	63019	5.221	ug/L	99
39) cis-1,3-Dichloropropene	6.957	75	65796	5.361	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	324159	59.166	ug/L	99
42) Toluene	7.317	91	202439	5.378	ug/L	99
44) trans-1,3-Dichloropropene	7.584	75	58165	5.835	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	32876	5.457	ug/L	98
47) Tetrachloroethene	7.905	164	143819	19.594	ug/L	98
48) 2-Hexanone	8.075	43	223261	57.214	ug/L	99
49) Dibromochloromethane	8.178	129	37849	5.397	ug/L	100
50) 1,2-Dibromoethane	8.284	107	31836	5.650	ug/L	96
51) Chlorobenzene	8.815	112	129046	5.277	ug/L	99
52) Ethylbenzene	8.947	91	223638	5.275	ug/L	99
53) m,p-Xylene	9.075	106	82788	5.254	ug/L	93
54) o-Xylene	9.477	106	83487	5.307	ug/L	98
55) Styrene	9.497	104	140020	5.535	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	40209	5.580	ug/L	98
59) Bromoform	9.667	173	18553	5.275	ug/L	98
60) Isopropylbenzene	9.866	105	213722	5.183	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	31123	5.855	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	186463	5.181	ug/L	100
63) 1,2,4-Trimethylbenzene	10.854	105	186085	5.163	ug/L	98
64) 1,3-Dichlorobenzene	11.117	146	107157	5.350	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	105246	5.295	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	99167	5.282	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	7340	5.466	ug/L	88
69) 1,3,5-Trichlorobenzene	12.583	180	78573	5.113	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	71683	5.343	ug/L	100
71) Naphthalene	13.439	128	126194	5.506	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	64100	5.335	ug/L	100

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

