

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041524\
 Data File : VW035224.D
 Acq On : 16 Apr 2024 02:06
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005388

Quant Time: Apr 16 06:10:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR041524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 16 00:33:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	157747	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	166716	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	86533	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	45115	3.054	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.000%
7) Chloroethane-d5	1.532	69	48848	4.256	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.200%
11) 1,1-Dichloroethene-d2	2.060	65	23185	3.700	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.000%
20) 2-Butanone-d5	3.825	46	162269	64.951	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.900%
24) Chloroform-d	4.249	84	116022	5.024	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
26) 1,2-Dichloroethane-d4	4.944	65	57100	5.194	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	4.960	84	210898	4.453	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	5.989	67	68728	4.666	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.400%
41) Toluene-d8	7.243	98	185538	4.362	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	7.558	79	20654	3.929	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.600%
46) 2-Hexanone-d5	8.027	63	127133	58.066	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.140%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	59222	5.220	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	11.558	152	68841	4.476	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	56285	3.769	ug/L	99
3) Chloromethane	1.214	50	73950	4.246	ug/L	99
5) Vinyl chloride	1.282	62	79375	4.646	ug/L	99
6) Bromomethane	1.487	94	34986	3.573	ug/L	99
8) Chloroethane	1.549	64	55097	5.238	ug/L	100
9) Trichlorofluoromethane	1.712	101	109596	5.384	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	66326	5.306	ug/L	98
12) 1,1-Dichloroethene	2.069	96	62972	5.258	ug/L	84
13) Acetone	2.153	43	113261	67.275	ug/L	73
14) Carbon disulfide	2.240	76	163135	4.318	ug/L	99
15) Methyl Acetate	2.391	43	27064	6.103	ug/L #	90
16) Methylene chloride	2.446	84	81518	5.405	ug/L	98
17) Methyl tert-butyl Ether	2.706	73	163536	6.050	ug/L	99
18) trans-1,2-Dichloroethene	2.693	96	65216	5.329	ug/L	97
19) 1,1-Dichloroethane	3.111	63	144430	5.869	ug/L	98
21) 2-Butanone	3.902	43	165259	59.971	ug/L #	73
22) cis-1,2-Dichloroethene	3.815	96	74303	5.906	ug/L	99
23) Bromochloromethane	4.150	128	33204	5.835	ug/L	94
25) Chloroform	4.278	83	144273	6.029	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.044	62	85123	6.066	ug/L	100
29) 1,1,1-Trichloroethane	4.513	97	115920	5.525	ug/L	99
30) Cyclohexane	4.581	56	91376	4.572	ug/L	99
31) Carbon tetrachloride	4.732	117	96041	5.365	ug/L	99
33) Benzene	5.011	78	289481	5.524	ug/L	100
34) Trichloroethene	5.835	95	71233	5.167	ug/L	99
35) Methylcyclohexane	6.050	83	93133	4.485	ug/L	99
37) 1,2-Dichloropropane	6.092	63	78307	5.650	ug/L	99
38) Bromodichloromethane	6.433	83	98355	5.829	ug/L	98
39) cis-1,3-Dichloropropene	6.957	75	91594	4.972	ug/L	96
40) 4-Methyl-2-pentanone	7.159	43	418956	57.380	ug/L	98
42) Toluene	7.314	91	305330	5.618	ug/L	99
44) trans-1,3-Dichloropropene	7.584	75	79489	5.337	ug/L	96
45) 1,1,2-Trichloroethane	7.770	97	55139	5.734	ug/L	98
47) Tetrachloroethene	7.905	164	54394	4.974	ug/L	98
48) 2-Hexanone	8.076	43	309965	57.386	ug/L	99
49) Dibromochloromethane	8.175	129	58895	5.929	ug/L	99
50) 1,2-Dibromoethane	8.285	107	49928	5.529	ug/L	96
51) Chlorobenzene	8.812	112	193537	5.502	ug/L	99
52) Ethylbenzene	8.947	91	312644	5.369	ug/L	99
53) m,p-Xylene	9.072	106	113486	5.289	ug/L	99
54) o-Xylene	9.477	106	115014	5.554	ug/L	96
55) Styrene	9.497	104	201726	5.790	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.178	83	70670	5.997	ug/L	97
59) Bromoform	9.667	173	29640	5.750	ug/L	99
60) Isopropylbenzene	9.866	105	286802	5.159	ug/L	100
61) 1,2,3-Trichloropropane	10.211	75	50460	5.808	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	225546	5.025	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	234133	5.279	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	153356	5.482	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	151179	5.174	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	144258	5.553	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	9662	5.634	ug/L	91
69) 1,3,5-Trichlorobenzene	12.580	180	110948	5.225	ug/L	100
70) 1,2,4-trichlorobenzene	13.198	180	89974	5.080	ug/L	98
71) Naphthalene	13.439	128	115392	4.534	ug/L	98
72) 1,2,3-Trichlorobenzene	13.677	180	83592	5.317	ug/L	99

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

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