

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111424\
 Data File : VU061663.D
 Acq On : 14 Nov 2024 11:34
 Operator : MD/SY
 Sample : P4803-07DL 2X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A0AQ2DL

Quant Time: Nov 15 00:43:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 15 00:40:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	191748	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	178993	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	86475	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	53936	4.354	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.000%
7) Chloroethane-d5	1.911	69	45924	4.342	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.560	65	23726	4.268	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.400%
20) 2-Butanone-d5	4.634	46	121610	46.246	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.500%
24) Chloroform-d	5.052	84	110061	4.469	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	5.695	65	55768	4.719	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	5.717	84	230424	4.653	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.682	67	69538	4.761	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.891	98	206725	4.479	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	8.174	79	23321	4.335	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.800%
46) 2-Hexanone-d5	8.630	63	102010	47.987	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.980%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	53037	4.607	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.200%
66) 1,2-Dichlorobenzene-d4	12.183	152	74072	4.809	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	59448	4.167	ug/L	100
12) 1,1-Dichloroethene	2.573	96	72685	6.279	ug/L	91
16) Methylene chloride	3.039	84	137861	10.335	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	89363	7.038	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	38151	2.664	ug/L	98
27) 1,2-Dichloroethane	5.785	62	20600	1.346	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	119036	5.844	ug/L	99
31) Carbon tetrachloride	5.515	117	85455	4.926	ug/L	99
33) Benzene	5.766	78	461449	8.518	ug/L	100
34) Trichloroethene	6.534	95	32263	2.206	ug/L	97
37) 1,2-Dichloropropane	6.782	63	92660	6.742	ug/L	99
42) Toluene	7.962	91	532840	9.135	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	18408	1.837	ug/L	95
47) Tetrachloroethene	8.544	164	70614	6.424	ug/L	98
51) Chlorobenzene	9.438	112	214392	5.710	ug/L	99
52) Ethylbenzene	9.563	91	508215	8.180	ug/L	99
53) m,p-Xylene	9.682	106	171892	7.231	ug/L	98
54) o-Xylene	10.090	106	67423	2.918	ug/L	98
55) Styrene	10.106	104	336039	9.134	ug/L	96

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65) 1,4-Dichlorobenzene	11.826	146	199730	7.152	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	201008	7.859	ug/L	96
70) 1,2,4-trichlorobenzene	13.836	180	46295	3.111	ug/L	98

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

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