Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032624\
Data File : BP019993.D
Acq On : 26 Mar 2024 11:14
Operator : MA/JU
Sample : P1601-02
Misc : SFAM-MDL-WATER-02
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 27 00:08:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 25 10:46:59 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT1-2024-02

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/29/2024
Supervised By :mohammad ahmed 03/29/2024

03/29/2024
Supervised By :mohammad ahmed

03/29/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.593	152	140547	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.351	136	557744	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.228	164	348635	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.069	188	726277	20.000	ng/ul	0.00
79) Chrysene-d12	21.527	240	678537	20.000	ng/ul	-0.02
88) Perylene-d12	24.821	264	778061	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	16735	5.217	ng/uL	-0.01
4) Pyridine-d5	3.628	84	228333	23.574	ng/ul	-0.01
7) Phenol-d5	6.775	99	269626	22.746	ng/ul	-0.02
9) Bis-(2-Chloroethyl)eth...	6.952	67	179247	23.210	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.134	132	192700	22.637	ng/ul	-0.02
15) 4-Methylphenol-d8	8.287	113	200508	21.864	ng/ul	-0.02
21) Nitrobenzene-d5	8.746	128	97851	22.889	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.452	143	108362	22.655	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	9.981	165	189194	21.658	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.499	131	249429	21.903	ng/ul	-0.02
46) Dimethylphthalate-d6	13.657	166	559253	22.879	ng/ul	0.00
49) Acenaphthylene-d8	13.922	160	658091	23.047	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.481	143	72349	18.827	ng/ul	0.00
60) Fluorene-d10	15.263	176	481602	23.129	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	81660	18.784	ng/ul	-0.01
73) Anthracene-d10	17.175	188	684584	21.294	ng/ul	0.00
81) Pyrene-d10	19.569	212	837241	21.031	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.586	264	851536	22.781	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.264	88	4162m	1.137	ng/uL	
5) Pyridine	3.652	79	43189	4.375	ng/ul#	75
6) Benzaldehyde	6.769	77	35778	6.104	ng/ul	97
8) Phenol	6.805	94	52965	4.274	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.040	93	43327	4.317	ng/ul	98
12) 2-Chlorophenol	7.163	128	38492	4.291	ng/ul	91
13) 2-Methylphenol	8.040	108	36588	4.096	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.122	45	61921	4.487	ng/ul	99
16) Acetophenone	8.416	105	63938	4.322	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.393	70	35921	4.354	ng/ul	98
18) 4-Methylphenol	8.357	108	38974	4.053	ng/ul	96
19) Hexachloroethane	8.640	117	17869	4.288	ng/ul	96
22) Nitrobenzene	8.787	77	53950	4.431	ng/ul	97
23) Isophorone	9.304	82	96595	4.256	ng/ul	99
25) 2-Nitrophenol	9.487	139	21180	4.248	ng/ul	98
26) 2,4-Dimethylphenol	9.540	107	35480	3.260	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.781	93	56859	4.284	ng/ul	98
29) 2,4-Dichlorophenol	10.016	162	34295	4.013	ng/ul	93
30) Naphthalene	10.399	128	125995	4.403	ng/ul	98
32) 4-Chloroaniline	10.528	127	47743	4.272	ng/ul	98
33) Hexachlorobutadiene	10.663	225	28802	4.277	ng/ul	98
34) Caprolactam	11.357	113	11047m	4.159	ng/ul	
35) 4-Chloro-3-methylphenol	11.675	107	38458	4.051	ng/ul	95
36) 2-Methylnaphthalene	12.022	142	81529	4.279	ng/ul	100

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 25 10:46:59 2024
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.240	142	83186	4.366	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.398	216	49413	4.287	ng/ul	98
40) Hexachlorocyclopentadiene	12.351	237	28073	4.304	ng/ul	97
41) 2,4,6-Trichlorophenol	12.645	196	28254	3.990	ng/ul	98
42) 2,4,5-Trichlorophenol	12.728	196	26688	3.644	ng/ul	97
43) 1,1'-Biphenyl	13.051	154	109983	4.356	ng/ul	98
44) 2-Chloronaphthalene	13.092	162	90168	4.429	ng/ul	96
45) 2-Nitroaniline	13.340	65	25797	4.022	ng/ul	99
47) Dimethylphthalate	13.698	163	108619	4.402	ng/ul	99
48) 2,6-Dinitrotoluene	13.822	165	19680	3.929	ng/ul	97
50) Acenaphthylene	13.957	152	140569	4.402	ng/ul	98
51) 3-Nitroaniline	14.175	138	16971	3.679	ng/ul#	99
52) Acenaphthene	14.304	153	92198	4.346	ng/ul	99
53) 2,4-Dinitrophenol	14.416	184	10911	3.827	ng/ul	90
55) 4-Nitrophenol	14.492	109	13583	3.852	ng/ul	88
56) Dibenzofuran	14.645	168	128717	4.468	ng/ul	97
57) 2,4-Dinitrotoluene	14.645	165	28040	4.094	ng/ul	86
58) 2,3,4,6-Tetrachlorophenol	14.892	232	25619	4.079	ng/ul	98
59) Diethylphthalate	15.098	149	103651	4.236	ng/ul	99
61) Fluorene	15.316	166	102534	4.364	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.304	204	54680	4.345	ng/ul	99
63) 4-Nitroaniline	15.375	138	15341	3.894	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.422	198	19205	4.163	ng/ul#	75
67) N-Nitrosodiphenylamine	15.545	169	84616	4.218	ng/ul	97
68) 4-Bromophenyl-phenylether	16.233	248	32316	4.100	ng/ul	98
69) Hexachlorobenzene	16.351	284	36675	4.190	ng/ul	99
70) Atrazine	16.533	200	32760	4.262	ng/ul	96
71) Pentachlorophenol	16.716	266	20998m	4.093	ng/ul	
72) Phenanthrene	17.116	178	160626	4.278	ng/ul	99
74) Anthracene	17.204	178	152514	4.000	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.004	216	47879	4.043	ng/uL	94
76) Pentachlorobenzene	14.557	250	49497	4.514	ng/uL	93
77) Carbazole	17.516	167	131617	4.037	ng/ul	99
78) Di-n-butylphthalate	18.092	149	161473	3.967	ng/ul	99
80) Fluoranthene	19.222	202	182453	3.902	ng/ul	99
82) Pyrene	19.598	202	197861	4.071	ng/ul	96
83) Butylbenzylphthalate	20.574	149	73762	3.738	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.463	252	56290	3.901	ng/ul	98
85) Benzo(a)anthracene	21.510	228	197543	4.207	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.469	149	111696	3.873	ng/ul	99
87) Chrysene	21.574	228	187718	4.300	ng/ul	99
89) Di-n-octyl phthalate	22.721	149	198316	4.019	ng/ul	100
90) Benzo(b)fluoranthene	23.774	252	192506	4.220	ng/ul	99
91) Benzo(k)fluoranthene	23.839	252	200420	4.323	ng/ul	98
93) Benzo(a)pyrene	24.651	252	186584	4.229	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.527	276	231789m	4.171	ng/ul	
95) Dibenzo(a,h)anthracene	28.633	278	191744m	4.241	ng/ul	
96) Benzo(g,h,i)perylene	29.692	276	188369m	4.196	ng/ul	

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

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