Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
Data File : BP017922.D
Acq On : 07 Nov 2023 08:46
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020657

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/09/2023
Supervised By :mohammad ahmed 11/11/2023

Quant Time: Nov 07 21:51:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 07 03:40:56 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	60017	20.000	ng/ul	0.00
20) Naphthalene-d8	10.675	136	254484	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.522	164	171979	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.298	188	394112	20.000	ng/ul	0.00
79) Chrysene-d12	21.410	240	403734	20.000	ng/ul	0.00
88) Perylene-d12	23.892	264	451988	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	13528	8.627	ng/uL	0.00
4) Pyridine-d5	3.681	84	83086	19.091	ng/ul	0.00
7) Phenol-d5	7.028	99	104116	18.499	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	63667	18.753	ng/ul	0.00
11) 2-Chlorophenol-d4	7.381	132	84676	19.580	ng/ul	0.00
15) 4-Methylphenol-d8	8.581	113	85189	18.313	ng/ul	0.00
21) Nitrobenzene-d5	9.063	128	42395	20.846	ng/ul	0.00
24) 2-Nitrophenol-d4	9.775	143	48342	20.638	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.298	165	87609	20.402	ng/ul	0.00
31) 4-Chloroaniline-d4	10.851	131	119058	19.133	ng/ul	0.00
46) Dimethylphthalate-d6	13.945	166	289456	19.195	ng/ul	0.00
49) Acenaphthylene-d8	14.222	160	319863	19.330	ng/ul	0.00
54) 4-Nitrophenol-d4	14.769	143	40494	17.465	ng/ul	0.00
60) Fluorene-d10	15.522	176	248350	19.676	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.669	200	51825	17.982	ng/ul	0.00
73) Anthracene-d10	17.398	188	399383	19.490	ng/ul	0.00
81) Pyrene-d10	19.645	212	484891	18.920	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.727	264	491206	19.450	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	14762	8.621	ng/uL	99
5) Pyridine	3.699	79	87148	19.260	ng/ul	90
6) Benzaldehyde	7.028	77	67736	21.638	ng/ul	97
8) Phenol	7.052	94	101103	18.261	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.305	93	81283	18.331	ng/ul	94
12) 2-Chlorophenol	7.416	128	83872	19.529	ng/ul	100
13) 2-Methylphenol	8.310	108	76213	17.905	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.369	45	91548m	17.933	ng/ul	
16) Acetophenone	8.716	105	141163	18.909	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.681	70	74887	19.168	ng/ul	97
18) 4-Methylphenol	8.646	108	84470	18.448	ng/ul	89
19) Hexachloroethane	8.910	117	42401	19.764	ng/ul	97
22) Nitrobenzene	9.104	77	120697	21.761	ng/ul	98
23) Isophorone	9.610	82	209536	20.774	ng/ul	99
25) 2-Nitrophenol	9.804	139	50139	20.684	ng/ul	94
26) 2,4-Dimethylphenol	9.846	107	106554	20.813	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.099	93	114795	20.690	ng/ul	97
29) 2,4-Dichlorophenol	10.328	162	83018	19.991	ng/ul	90
30) Naphthalene	10.728	128	291420	19.731	ng/ul	99
32) 4-Chloroaniline	10.875	127	113979	19.072	ng/ul	100
33) Hexachlorobutadiene	10.946	225	63999	18.522	ng/ul	94
34) Caprolactam	11.722	113	24568m	18.563	ng/ul	
35) 4-Chloro-3-methylphenol	11.981	107	100745	20.955	ng/ul	95
36) 2-Methylnaphthalene	12.340	142	200058	19.851	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.557	142	206502	19.834	ng/ul	98
39)	1,2,4,5-Tetrachloroben...	12.687	216	110262	18.509	ng/ul	96
40)	Hexachlorocyclopentadiene	12.628	237	50012	15.765	ng/ul	96
41)	2,4,6-Trichlorophenol	12.951	196	70401	18.694	ng/ul	98
42)	2,4,5-Trichlorophenol	13.028	196	73938	19.065	ng/ul	99
43)	1,1'-Biphenyl	13.351	154	270353	19.277	ng/ul	98
44)	2-Chloronaphthalene	13.404	162	217578	19.474	ng/ul	98
45)	2-Nitroaniline	13.651	65	70004	20.925	ng/ul	95
47)	Dimethylphthalate	13.992	163	292025	19.636	ng/ul	100
48)	2,6-Dinitrotoluene	14.145	165	56687	19.205	ng/ul	93
50)	Acenaphthylene	14.251	152	364132	19.661	ng/ul	100
51)	3-Nitroaniline	14.486	138	52200	18.774	ng/ul	92
52)	Acenaphthene	14.586	153	242769	19.778	ng/ul	99
53)	2,4-Dinitrophenol	14.698	184	26263	15.116	ng/ul#	80
55)	4-Nitrophenol	14.786	109	60520	20.119	ng/ul	92
56)	Dibenzofuran	14.928	168	336411	19.841	ng/ul	96
57)	2,4-Dinitrotoluene	14.934	165	89525	20.296	ng/ul	96
58)	2,3,4,6-Tetrachlorophenol	15.151	232	68843	19.050	ng/ul	98
59)	Diethylphthalate	15.345	149	310764	20.055	ng/ul	99
61)	Fluorene	15.581	166	283155	19.724	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.569	204	141837	19.091	ng/ul	95
63)	4-Nitroaniline	15.657	138	53941	20.506	ng/ul	96
66)	4,6-Dinitro-2-methylph...	15.686	198	56509	18.768	ng/ul	94
67)	N-Nitrosodiphenylamine	15.798	169	238723	19.681	ng/ul	99
68)	4-Bromophenyl-phenylether	16.475	248	84425	18.192	ng/ul#	91
69)	Hexachlorobenzene	16.551	284	95794	17.984	ng/ul#	86
70)	Atrazine	16.757	200	87667	18.924	ng/ul	99
71)	Pentachlorophenol	16.928	266	56420	17.437	ng/ul	94
72)	Phenanthrene	17.339	178	461034	19.895	ng/ul	99
74)	Anthracene	17.433	178	465589	19.766	ng/ul	98
75)	1,2,3,4-Tetrachloroben...	13.304	216	112934	18.284	ng/uL	97
76)	Pentachlorobenzene	14.816	250	110755	17.969	ng/uL	97
77)	Carbazole	17.727	167	406625	19.359	ng/ul	98
78)	Di-n-butylphthalate	18.233	149	539259	20.633	ng/ul	99
80)	Fluoranthene	19.316	202	558660	18.678	ng/ul	99
82)	Pyrene	19.674	202	588812	18.874	ng/ul	98
83)	Butylbenzylphthalate	20.539	149	263608	19.205	ng/ul	99
84)	3,3'-Dichlorobenzidine	21.339	252	192115	19.035	ng/ul#	99
85)	Benzo(a)anthracene	21.398	228	613052	19.717	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.274	149	373675	18.801	ng/ul	100
87)	Chrysene	21.451	228	578690	20.071	ng/ul	100
89)	Di-n-octyl phthalate	22.227	149	660480	17.302	ng/ul	100
90)	Benzo(b)fluoranthene	23.121	252	592853	19.004	ng/ul	99
91)	Benzo(k)fluoranthene	23.174	252	612475	19.578	ng/ul	99
93)	Benzo(a)pyrene	23.786	252	572506	19.741	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.527	276	678009	19.629	ng/ul	99
95)	Dibenzo(a,h)anthracene	26.545	278	562861	19.589	ng/ul	98
96)	Benzo(g,h,i)perylene	27.345	276	542141	19.715	ng/ul	100

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

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