Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101723\
Data File : BP017692.D
Acq On : 17 Oct 2023 09:43
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020782

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023

Quant Time: Oct 18 00:49:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 16:14:36 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	116248	20.000	ng/ul	0.00
20) Naphthalene-d8	10.746	136	485686	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.610	164	332355	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.404	188	777174	20.000	ng/ul	0.00
79) Chrysene-d12	21.545	240	906839	20.000	ng/ul	0.00
88) Perylene-d12	24.121	264	1079566	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	26409	8.376	ng/uL	0.00
4) Pyridine-d5	3.699	84	176715	20.275	ng/ul	0.00
7) Phenol-d5	7.069	99	206400	19.071	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.252	67	133670	20.366	ng/ul	0.00
11) 2-Chlorophenol-d4	7.428	132	172481	20.589	ng/ul	0.00
15) 4-Methylphenol-d8	8.634	113	169229	19.577	ng/ul	0.00
21) Nitrobenzene-d5	9.122	128	82785	20.293	ng/ul	0.00
24) 2-Nitrophenol-d4	9.834	143	91426	19.929	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	177639	20.602	ng/ul	0.00
31) 4-Chloroaniline-d4	10.922	131	248789	20.130	ng/ul	0.01
46) Dimethylphthalate-d6	14.028	166	573699	19.931	ng/ul	0.00
49) Acenaphthylene-d8	14.310	160	640639	20.668	ng/ul	0.00
54) 4-Nitrophenol-d4	14.857	143	86133	17.892	ng/ul	0.00
60) Fluorene-d10	15.616	176	513416	20.969	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.763	200	101009	18.388	ng/ul	0.00
73) Anthracene-d10	17.504	188	840613	20.952	ng/ul	0.00
81) Pyrene-d10	19.763	212	1078138	19.754	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.951	264	1247992	20.592	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	27273	8.156	ng/uL	97
5) Pyridine	3.722	79	179295	20.030	ng/ul	97
6) Benzaldehyde	7.069	77	122034	22.261	ng/ul	98
8) Phenol	7.093	94	214442	19.964	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.352	93	172969	20.069	ng/ul	97
12) 2-Chlorophenol	7.463	128	176170	21.048	ng/ul	99
13) 2-Methylphenol	8.363	108	157386	19.683	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.428	45	216278m	19.449	ng/ul	
16) Acetophenone	8.769	105	275862	20.509	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.734	70	142083	20.871	ng/ul	97
18) 4-Methylphenol	8.699	108	175275	20.165	ng/ul	94
19) Hexachloroethane	8.975	117	78460	20.984	ng/ul	97
22) Nitrobenzene	9.163	77	228367	21.794	ng/ul	99
23) Isophorone	9.675	82	379804	20.102	ng/ul	99
25) 2-Nitrophenol	9.869	139	101289	20.753	ng/ul	96
26) 2,4-Dimethylphenol	9.910	107	205987	21.241	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.169	93	237769	20.596	ng/ul	100
29) 2,4-Dichlorophenol	10.393	162	179070	21.523	ng/ul	96
30) Naphthalene	10.798	128	594808	21.066	ng/ul	99
32) 4-Chloroaniline	10.946	127	244780	20.713	ng/ul	95
33) Hexachlorobutadiene	11.022	225	139573	21.696	ng/ul	98
34) Caprolactam	11.775	113	47039m	18.485	ng/ul	
35) 4-Chloro-3-methylphenol	12.057	107	183214	20.873	ng/ul	99
36) 2-Methylnaphthalene	12.416	142	410265	21.217	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.640	142	425642	21.687	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.769	216	249049	20.540	ng/ul	97
40) Hexachlorocyclopentadiene	12.710	237	110988	20.375	ng/ul	99
41) 2,4,6-Trichlorophenol	13.034	196	150379	20.140	ng/ul	98
42) 2,4,5-Trichlorophenol	13.104	196	160321	20.338	ng/ul	96
43) 1,1'-Biphenyl	13.434	154	563305	20.680	ng/ul	98
44) 2-Chloronaphthalene	13.487	162	456542	20.950	ng/ul	100
45) 2-Nitroaniline	13.734	65	125312	20.802	ng/ul	97
47) Dimethylphthalate	14.075	163	577553	20.319	ng/ul	99
48) 2,6-Dinitrotoluene	14.228	165	104496	19.863	ng/ul	87
50) Acenaphthylene	14.339	152	736754	21.011	ng/ul	99
51) 3-Nitroaniline	14.569	138	101450	19.120	ng/ul	94
52) Acenaphthene	14.675	153	502191	21.532	ng/ul	98
53) 2,4-Dinitrophenol	14.787	184	50170	15.444	ng/ul	97
55) 4-Nitrophenol	14.869	109	85564m	18.971	ng/ul	
56) Dibenzofuran	15.016	168	720991	21.549	ng/ul	98
57) 2,4-Dinitrotoluene	15.022	165	170600	21.007	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.239	232	153029	20.986	ng/ul	95
59) Diethylphthalate	15.439	149	603728	21.174	ng/ul	99
61) Fluorene	15.675	166	591711	21.450	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.669	204	313195	21.352	ng/ul	99
63) 4-Nitroaniline	15.751	138	105875	20.079	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.775	198	109421	19.019	ng/ul#	99
67) N-Nitrosodiphenylamine	15.898	169	496437	21.377	ng/ul	99
68) 4-Bromophenyl-phenylether	16.575	248	194098	20.712	ng/ul	97
69) Hexachlorobenzene	16.657	284	233392	20.926	ng/ul	98
70) Atrazine	16.863	200	186878	20.794	ng/ul	99
71) Pentachlorophenol	17.033	266	129468	19.168	ng/ul	99
72) Phenanthrene	17.445	178	970597	21.228	ng/ul	100
74) Anthracene	17.539	178	995584	21.526	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.392	216	251250	20.489	ng/uL	100
76) Pentachlorobenzene	14.910	250	270412	21.488	ng/uL	97
77) Carbazole	17.833	167	882306	21.066	ng/ul	98
78) Di-n-butylphthalate	18.345	149	1000774	19.402	ng/ul	99
80) Fluoranthene	19.433	202	1214941	19.478	ng/ul	99
82) Pyrene	19.792	202	1312816	20.147	ng/ul	100
83) Butylbenzylphthalate	20.663	149	458792	18.098	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.474	252	442130	19.035	ng/ul	100
85) Benzo(a)anthracene	21.533	228	1436237	20.655	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.410	149	643446	16.786	ng/ul	99
87) Chrysene	21.586	228	1374343	21.418	ng/ul	99
89) Di-n-octyl phthalate	22.398	149	1168742	16.581	ng/ul	100
90) Benzo(b)fluoranthene	23.321	252	1511411	20.559	ng/ul	99
91) Benzo(k)fluoranthene	23.368	252	1528852	20.904	ng/ul	99
93) Benzo(a)pyrene	24.004	252	1457509	21.291	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.851	276	1815402	21.624	ng/ul	99
95) Dibenzo(a,h)anthracene	26.880	278	1522138	21.633	ng/ul	99
96) Benzo(g,h,i)perylene	27.709	276	1465230	21.948	ng/ul	99

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

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