Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120722\
Data File : BP012971.D
Acq On : 07 Dec 2022 15:02
Operator : CG/JU
Sample : SSTD08015
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 08 00:00:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 07 23:53:54 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD080642

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	624078	20.000	ng/ul	0.00
20) Naphthalene-d8	10.799	136	2597391	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.622	164	1634765	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.375	188	3552943	20.000	ng/ul	0.00
79) Chrysene-d12	21.463	240	2637748	20.000	ng/ul	0.00
88) Perylene-d12	23.951	264	2192388	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	468445	33.401	ng/uL	0.00
4) Pyridine-d5	3.787	84	3327607	73.522	ng/ul	0.00
7) Phenol-d5	7.140	99	4111477	71.340	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.311	67	2368672	72.594	ng/ul	0.00
11) 2-Chlorophenol-d4	7.511	132	3334043	78.929	ng/ul	0.00
15) 4-Methylphenol-d8	8.699	113	3286202	69.443	ng/ul	0.01
21) Nitrobenzene-d5	9.157	128	1669183	90.368	ng/ul	0.01
24) 2-Nitrophenol-d4	9.875	143	1952897	92.386	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.416	165	3508596	82.911	ng/ul	0.00
31) 4-Chloroaniline-d4	10.934	131	4551610	76.127	ng/ul	0.00
46) Dimethylphthalate-d6	14.034	166	9549534	80.992	ng/ul	0.01
49) Acenaphthylene-d8	14.316	160	10758583	82.642	ng/ul	0.00
54) 4-Nitrophenol-d4	14.828	143	1838826	76.247	ng/ul	0.02
60) Fluorene-d10	15.616	176	7899204	76.222	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	1951514	93.619	ng/ul	0.01
73) Anthracene-d10	17.481	188	12014205	76.502	ng/ul	0.00
81) Pyrene-d10	19.704	212	13135589	101.311	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.792	264	9270341	86.541	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	485925	32.523	ng/uL	100
5) Pyridine	3.805	79	3286021	74.529	ng/ul	99
6) Benzaldehyde	7.116	77	1580816	55.823	ng/ul	98
8) Phenol	7.169	94	4129113	69.007	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.405	93	3270007	70.845	ng/ul	99
12) 2-Chlorophenol	7.546	128	3322033	73.488	ng/ul	99
13) 2-Methylphenol	8.428	108	3196730	68.329	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.516	45	4407275	68.144	ng/ul	99
16) Acetophenone	8.816	105	4694779	64.052	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.816	70	2269477	60.907	ng/ul	98
18) 4-Methylphenol	8.769	108	3459304	66.213	ng/ul	99
19) Hexachloroethane	9.069	117	1305105	78.180	ng/ul	97
22) Nitrobenzene	9.199	77	3580425	80.361	ng/ul	97
23) Isophorone	9.734	82	7044848	74.018	ng/ul	99
25) 2-Nitrophenol	9.910	139	2006943	84.395	ng/ul	97
26) 2,4-Dimethylphenol	9.969	107	3577827	76.610	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.204	93	4424194	76.762	ng/ul	99
29) 2,4-Dichlorophenol	10.446	162	3355912	77.984	ng/ul	98
30) Naphthalene	10.852	128	10282816	75.039	ng/ul	99
32) 4-Chloroaniline	10.963	127	4468342	72.658	ng/ul	99
33) Hexachlorobutadiene	11.128	225	2262325	83.467	ng/ul	98
34) Caprolactam	11.775	113	1099765m	68.146	ng/ul	
35) 4-Chloro-3-methylphenol	12.081	107	3347878	70.385	ng/ul	95
36) 2-Methylnaphthalene	12.451	142	7094314	71.403	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.669	142	7155549	71.517	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.816	216	4200309	84.637	ng/ul	98
40)	Hexachlorocyclopentadiene	12.798	237	2982712	118.029	ng/ul	100
41)	2,4,6-Trichlorophenol	13.057	196	2861479	84.131	ng/ul	99
42)	2,4,5-Trichlorophenol	13.128	196	3110659	85.029	ng/ul	99
43)	1,1'-Biphenyl	13.457	154	9262102	80.269	ng/ul	99
44)	2-Chloronaphthalene	13.504	162	7421767	80.361	ng/ul	98
45)	2-Nitroaniline	13.710	65	2053976	82.628	ng/ul	91
47)	Dimethylphthalate	14.081	163	9305803	75.552	ng/ul	100
48)	2,6-Dinitrotoluene	14.204	165	2093446	91.104	ng/ul	92
50)	Acenaphthylene	14.345	152	11127809	78.009	ng/ul	98
51)	3-Nitroaniline	14.534	138	1851162	72.487	ng/ul	95
52)	Acenaphthene	14.687	153	7654727	75.724	ng/ul	99
53)	2,4-Dinitrophenol	14.734	184	1426494	86.763	ng/ul	93
55)	4-Nitrophenol	14.845	109	1206136	71.406	ng/ul	95
56)	Dibenzofuran	15.022	168	10712844	74.829	ng/ul	100
57)	2,4-Dinitrotoluene	14.987	165	2893965	84.137	ng/ul	93
58)	2,3,4,6-Tetrachlorophenol	15.245	232	2703679	78.481	ng/ul	96
59)	Diethylphthalate	15.445	149	9042583	73.662	ng/ul	97
61)	Fluorene	15.675	166	7927640	66.984	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.663	204	4376455	71.588	ng/ul	98
63)	4-Nitroaniline	15.704	138	1598231	65.896	ng/ul	98
66)	4,6-Dinitro-2-methylph...	15.757	198	1867048	84.524	ng/ul#	94
67)	N-Nitrosodiphenylamine	15.881	169	7505915	77.282	ng/ul	99
68)	4-Bromophenyl-phenylether	16.557	248	3146426	89.462	ng/ul	100
69)	Hexachlorobenzene	16.681	284	3609659	82.159	ng/ul	97
70)	Atrazine	16.839	200	3061926	84.951	ng/ul	100
71)	Pentachlorophenol	17.022	266	2308021	81.115	ng/ul	99
72)	Phenanthrene	17.422	178	13309680	71.015	ng/ul	95
74)	Anthracene	17.516	178	12954003	68.978	ng/ul	93
75)	1,2,3,4-Tetrachloroben...	13.422	216	4213269	89.018	ng/uL	100
76)	Pentachlorobenzene	14.940	250	4102716	77.861	ng/uL	100
77)	Carbazole	17.781	167	12202148	74.699	ng/ul	98
78)	Di-n-butylphthalate	18.316	149	12922194	58.116	ng/ul#	94
80)	Fluoranthene	19.375	202	13855007	90.154	ng/ul	95
82)	Pyrene	19.733	202	13372972	83.641	ng/ul#	91
83)	Butylbenzylphthalate	20.598	149	6023725	93.481	ng/ul	93
84)	3,3'-Dichlorobenzidine	21.369	252	4661947	80.906	ng/ul	100
85)	Benzo(a)anthracene	21.439	228	13336840	80.095	ng/ul	97
86)	Bis(2-ethylhexyl)phtha...	21.351	149	7730200	82.264	ng/ul	98
87)	Chrysene	21.498	228	12327950	78.909	ng/ul	96
89)	Di-n-octyl phthalate	22.310	149	11738701	104.917	ng/ul	100
90)	Benzo(b)fluoranthene	23.192	252	12047719	86.370	ng/ul	99
91)	Benzo(k)fluoranthene	23.239	252	11467157	86.690	ng/ul	99
93)	Benzo(a)pyrene	23.845	252	10060924	81.690	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.568	276	12582174	83.479	ng/ul	100
95)	Dibenzo(a,h)anthracene	26.586	278	10370464	76.848	ng/ul	100
96)	Benzo(g,h,i)perylene	27.368	276	10340171	79.032	ng/ul	99

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

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