Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102622\
Data File : BP012325.D
Acq On : 26 Oct 2022 11:18
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020796

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 10/27/2022
Supervised By :mohammad ahmed 10/27/2022

Quant Time: Oct 27 00:21:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 26 23:40:20 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	265957	20.000	ng/ul	0.00
20) Naphthalene-d8	10.622	136	1229898	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.469	164	802958	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.228	188	1757512	20.000	ng/ul	0.00
79) Chrysene-d12	21.327	240	1937599	20.000	ng/ul	0.01
88) Perylene-d12	23.727	264	2222735	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	56101	8.493	ng/uL	0.00
4) Pyridine-d5	3.675	84	389047	20.504	ng/ul	0.00
7) Phenol-d5	6.987	99	484635	20.316	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.152	67	299487	21.031	ng/ul	0.00
11) 2-Chlorophenol-d4	7.346	132	371435	21.322	ng/ul	0.00
15) 4-Methylphenol-d8	8.534	113	392946	20.828	ng/ul	0.00
21) Nitrobenzene-d5	8.987	128	182459	22.877	ng/ul	0.00
24) 2-Nitrophenol-d4	9.710	143	189620	22.906	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.246	165	386545	21.546	ng/ul	0.00
31) 4-Chloroaniline-d4	10.769	131	575976	21.562	ng/ul	0.00
46) Dimethylphthalate-d6	13.887	166	1199210	21.817	ng/ul	0.00
49) Acenaphthylene-d8	14.163	160	1363162	21.701	ng/ul	0.00
54) 4-Nitrophenol-d4	14.687	143	228132	21.929	ng/ul	0.00
60) Fluorene-d10	15.469	176	1029530	21.876	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	193352	21.131	ng/ul	0.00
73) Anthracene-d10	17.334	188	1636923	21.616	ng/ul	0.01
81) Pyrene-d10	19.569	212	1970944	20.260	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.574	264	2284972	21.039	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	60915	8.675	ng/uL	99
5) Pyridine	3.693	79	394367	21.149	ng/ul	94
6) Benzaldehyde	6.964	77	252466	22.441	ng/ul	98
8) Phenol	7.016	94	512887	20.679	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.246	93	418213	21.009	ng/ul	99
12) 2-Chlorophenol	7.381	128	399231	21.053	ng/ul	99
13) 2-Methylphenol	8.269	108	394769	20.697	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.352	45	563386	21.104	ng/ul	99
16) Acetophenone	8.652	105	637533	21.757	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.634	70	314133	22.268	ng/ul	99
18) 4-Methylphenol	8.599	108	437099	20.967	ng/ul	100
19) Hexachloroethane	8.893	117	155565	21.330	ng/ul	98
22) Nitrobenzene	9.028	77	460897	22.149	ng/ul	99
23) Isophorone	9.557	82	928040	21.312	ng/ul	100
25) 2-Nitrophenol	9.740	139	225335	22.701	ng/ul	97
26) 2,4-Dimethylphenol	9.799	107	469665	21.549	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.040	93	578800	20.771	ng/ul	100
29) 2,4-Dichlorophenol	10.269	162	400522	21.506	ng/ul	98
30) Naphthalene	10.669	128	1367994	20.987	ng/ul	99
32) 4-Chloroaniline	10.793	127	599238	21.802	ng/ul	99
33) Hexachlorobutadiene	10.946	225	245908	21.223	ng/ul	98
34) Caprolactam	11.593	113	130667	20.620	ng/ul	95
35) 4-Chloro-3-methylphenol	11.922	107	447903	21.888	ng/ul	100
36) 2-Methylnaphthalene	12.287	142	945856	21.166	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.504	142	944882	21.172	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.651	216	503421	21.345	ng/ul	99
40)	Hexachlorocyclopentadiene	12.628	237	191921	17.589	ng/ul	99
41)	2,4,6-Trichlorophenol	12.899	196	330361	21.913	ng/ul	98
42)	2,4,5-Trichlorophenol	12.975	196	360111	21.901	ng/ul	98
43)	1,1'-Biphenyl	13.298	154	1239860	20.999	ng/ul	99
44)	2-Chloronaphthalene	13.340	162	972007	20.950	ng/ul	100
45)	2-Nitroaniline	13.557	65	254155	23.635	ng/ul	98
47)	Dimethylphthalate	13.934	163	1253604	21.646	ng/ul	100
48)	2,6-Dinitrotoluene	14.057	165	230658	23.987	ng/ul	97
50)	Acenaphthylene	14.193	152	1510049	21.436	ng/ul	99
51)	3-Nitroaniline	14.387	138	256053	21.747	ng/ul	98
52)	Acenaphthene	14.534	153	1051224	21.234	ng/ul	99
53)	2,4-Dinitrophenol	14.604	184	134010	20.637	ng/ul	98
55)	4-Nitrophenol	14.698	109	172403	21.902	ng/ul	94
56)	Dibenzofuran	14.869	168	1457259	21.562	ng/ul	99
57)	2,4-Dinitrotoluene	14.851	165	351834	24.292	ng/ul	98
58)	2,3,4,6-Tetrachlorophenol	15.098	232	312977	22.426	ng/ul	96
59)	Diethylphthalate	15.298	149	1260999	22.378	ng/ul	98
61)	Fluorene	15.522	166	1191086	22.180	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.516	204	580137	22.024	ng/ul	100
63)	4-Nitroaniline	15.557	138	257509m	24.208	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.616	198	207405	21.274	ng/ul	97
67)	N-Nitrosodiphenylamine	15.734	169	1040982	21.030	ng/ul	99
68)	4-Bromophenyl-phenylether	16.416	248	376767	21.343	ng/ul	98
69)	Hexachlorobenzene	16.528	284	461101	21.778	ng/ul	99
70)	Atrazine	16.698	200	378464	22.071	ng/ul	99
71)	Pentachlorophenol	16.881	266	266096	20.464	ng/ul	100
72)	Phenanthrene	17.275	178	1987736	21.408	ng/ul	99
74)	Anthracene	17.369	178	1997391	21.655	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.263	216	506424	20.143	ng/uL	100
76)	Pentachlorobenzene	14.787	250	550565	20.738	ng/uL	100
77)	Carbazole	17.645	167	1862802	22.675	ng/ul	99
78)	Di-n-butylphthalate	18.192	149	2184222	22.886	ng/ul	99
80)	Fluoranthene	19.245	202	2417895	20.131	ng/ul	99
82)	Pyrene	19.598	202	2528112	20.321	ng/ul	99
83)	Butylbenzylphthalate	20.475	149	1022446	22.044	ng/ul	98
84)	3,3'-Dichlorobenzidine	21.245	252	902363	21.439	ng/ul	99
85)	Benzo(a)anthracene	21.310	228	2602039	21.050	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.227	149	1542271	21.746	ng/ul	98
87)	Chrysene	21.363	228	2455663	21.250	ng/ul	99
89)	Di-n-octyl phthalate	22.151	149	2755433	20.783	ng/ul	100
90)	Benzo(b)fluoranthene	22.998	252	2968554	21.091	ng/ul	99
91)	Benzo(k)fluoranthene	23.045	252	2747911	20.486	ng/ul	98
93)	Benzo(a)pyrene	23.621	252	2581394	21.002	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.233	276	3365031	21.971	ng/ul	99
95)	Dibenzo(a,h)anthracene	26.245	278	3019704	22.019	ng/ul	100
96)	Benzo(g,h,i)perylene	26.998	276	3041553	22.465	ng/ul	99

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

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