Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101022\
Data File : BP012029.D
Acq On : 10 Oct 2022 18:24
Operator : CG/JU
Sample : SSTD08066
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 11 00:46:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101022.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 11 00:41:15 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD080628

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/14/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	162875	20.000	ng/ul	0.00
20) Naphthalene-d8	10.669	136	707193	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.510	164	440701	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.269	188	943924	20.000	ng/ul	0.00
79) Chrysene-d12	21.363	240	962723	20.000	ng/ul	0.00
88) Perylene-d12	23.780	264	1028786	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	47770	12.935	ng/uL	0.00
4) Pyridine-d5	3.699	84	446105	41.239	ng/ul	0.00
7) Phenol-d5	7.034	99	1154118	82.079	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.199	67	657059	84.304	ng/ul	0.00
11) 2-Chlorophenol-d4	7.393	132	900663	81.142	ng/ul	0.00
15) 4-Methylphenol-d8	8.581	113	889363	76.514	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	453723	84.232	ng/ul	0.00
24) 2-Nitrophenol-d4	9.757	143	484774	84.117	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.293	165	851344	79.866	ng/ul	0.00
31) 4-Chloroaniline-d4	10.816	131	1291139	79.450	ng/ul	0.00
46) Dimethylphthalate-d6	13.928	166	2432749	77.194	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160	2949991	82.111	ng/ul	0.00
54) 4-Nitrophenol-d4	14.728	143	554803	85.014	ng/ul	0.01
60) Fluorene-d10	15.510	176	2122169	77.540	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.640	200	451416	79.012	ng/ul	0.01
73) Anthracene-d10	17.375	188	3395650	78.973	ng/ul	0.00
81) Pyrene-d10	19.610	212	3908069	80.155	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.633	264	4217143	81.886	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	50240	12.596	ng/uL	96
5) Pyridine	3.723	79	433508	41.290	ng/ul	96
6) Benzaldehyde	7.005	77	448615	72.833	ng/ul	97
8) Phenol	7.058	94	1205306	82.646	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.293	93	916768	79.000	ng/ul	97
12) 2-Chlorophenol	7.428	128	961967	81.065	ng/ul	99
13) 2-Methylphenol	8.310	108	899247	78.263	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.399	45	1075490	94.010	ng/ul	99
16) Acetophenone	8.699	105	1381458	77.953	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.687	70	655323	78.567	ng/ul	98
18) 4-Methylphenol	8.646	108	981318	77.514	ng/ul	100
19) Hexachloroethane	8.940	117	377873	85.378	ng/ul	99
22) Nitrobenzene	9.075	77	1048047	90.467	ng/ul	96
23) Isophorone	9.610	82	1989478	84.655	ng/ul	99
25) 2-Nitrophenol	9.787	139	547287	83.148	ng/ul	99
26) 2,4-Dimethylphenol	9.846	107	1009449	81.638	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.087	93	1193499	78.716	ng/ul	99
29) 2,4-Dichlorophenol	10.322	162	869153	78.691	ng/ul	99
30) Naphthalene	10.722	128	2987196	78.643	ng/ul	99
32) 4-Chloroaniline	10.840	127	1336625	80.396	ng/ul	99
33) Hexachlorobutadiene	11.004	225	484156	74.056	ng/ul	99
34) Caprolactam	11.652	113	307079m	78.556	ng/ul	
35) 4-Chloro-3-methylphenol	11.969	107	966325	82.513	ng/ul	99
36) 2-Methylnaphthalene	12.334	142	2023274	76.274	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.551	142	2027916	76.188	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.698	216	977610	76.492	ng/ul	99
40) Hexachlorocyclopentadiene	12.675	237	491749	67.352	ng/ul	98
41) 2,4,6-Trichlorophenol	12.946	196	690477	80.709	ng/ul	97
42) 2,4,5-Trichlorophenol	13.016	196	754731	80.988	ng/ul	100
43) 1,1'-Biphenyl	13.346	154	2551363	78.271	ng/ul	99
44) 2-Chloronaphthalene	13.387	162	2060042	79.936	ng/ul	99
45) 2-Nitroaniline	13.598	65	619355	98.453	ng/ul	98
47) Dimethylphthalate	13.975	163	2560164	77.516	ng/ul	99
48) 2,6-Dinitrotoluene	14.098	165	545165	84.697	ng/ul	94
50) Acenaphthylene	14.234	152	3224364	80.809	ng/ul	99
51) 3-Nitroaniline	14.428	138	556976	74.656	ng/ul#	92
52) Acenaphthene	14.575	153	2226790	79.101	ng/ul	99
53) 2,4-Dinitrophenol	14.634	184	350651	80.352	ng/ul	98
55) 4-Nitrophenol	14.745	109	409331	92.914	ng/ul	96
56) Dibenzofuran	14.916	168	3004242	77.915	ng/ul	100
57) 2,4-Dinitrotoluene	14.887	165	816035	86.734	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.140	232	642411	79.352	ng/ul	98
59) Diethylphthalate	15.340	149	2580535	77.990	ng/ul	99
61) Fluorene	15.563	166	2396305	75.879	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.557	204	1128087	72.156	ng/ul	99
63) 4-Nitroaniline	15.598	138	522945	73.455	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.651	198	483717	79.919	ng/ul#	97
67) N-Nitrosodiphenylamine	15.775	169	2125116	76.319	ng/ul	98
68) 4-Bromophenyl-phenylether	16.457	248	719755	74.964	ng/ul	98
69) Hexachlorobenzene	16.569	284	810974	74.224	ng/ul	99
70) Atrazine	16.739	200	748332	74.483	ng/ul	99
71) Pentachlorophenol	16.922	266	535772	74.557	ng/ul	96
72) Phenanthrene	17.316	178	4095912	78.958	ng/ul	99
74) Anthracene	17.410	178	4036598	77.339	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.310	216	1000958	76.827	ng/uL	99
76) Pentachlorobenzene	14.834	250	1034646	74.318	ng/uL	99
77) Carbazole	17.681	167	3901683	82.737	ng/ul	100
78) Di-n-butylphthalate	18.228	149	4487354	77.703	ng/ul	98
80) Fluoranthene	19.281	202	4759983	79.774	ng/ul	98
82) Pyrene	19.639	202	4903638	78.931	ng/ul	96
83) Butylbenzylphthalate	20.504	149	2206549	82.180	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.280	252	1744480	78.711	ng/ul	98
85) Benzo(a)anthracene	21.345	228	4924445	78.219	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.263	149	3019965	74.669	ng/ul	98
87) Chrysene	21.398	228	4628955	78.347	ng/ul	98
89) Di-n-octyl phthalate	22.192	149	5456592	83.133	ng/ul	100
90) Benzo(b)fluoranthene	23.045	252	5329362	81.161	ng/ul	98
91) Benzo(k)fluoranthene	23.092	252	5128734	81.109	ng/ul	98
93) Benzo(a)pyrene	23.680	252	4770365	81.406	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.321	276	6114833	81.982	ng/ul	98
95) Dibenzo(a,h)anthracene	26.339	278	5362815	80.937	ng/ul	99
96) Benzo(g,h,i)perylene	27.104	276	5494945	83.098	ng/ul	98

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

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