Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101722\
Data File : BP012171.D
Acq On : 17 Oct 2022 18:56
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 18 02:11:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101722.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 18 02:04:26 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SICV644

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	357270	20.000	ng/ul	0.00
20) Naphthalene-d8	10.640	136	1555827	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.481	164	935939	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.240	188	1750485	20.000	ng/ul	0.00
79) Chrysene-d12	21.333	240	1444762	20.000	ng/ul	0.00
88) Perylene-d12	23.745	264	1465480	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	73149	7.859	ng/uL	0.00
4) Pyridine-d5	3.687	84	499876	19.664	ng/ul	0.00
7) Phenol-d5	7.005	99	614948	20.287	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	378826	20.609	ng/ul	0.00
11) 2-Chlorophenol-d4	7.364	132	480299	21.059	ng/ul	0.00
15) 4-Methylphenol-d8	8.552	113	490462	21.490	ng/ul	0.00
21) Nitrobenzene-d5	9.005	128	242593	22.448	ng/ul	0.00
24) 2-Nitrophenol-d4	9.722	143	258046	23.045	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.263	165	484429	21.869	ng/ul	0.00
31) 4-Chloroaniline-d4	10.781	131	685135	21.719	ng/ul	0.00
46) Dimethylphthalate-d6	13.899	166	1308635	21.524	ng/ul	0.00
49) Acenaphthylene-d8	14.175	160	1593941	22.126	ng/ul	0.00
54) 4-Nitrophenol-d4	14.693	143	223127	20.141	ng/ul	0.00
60) Fluorene-d10	15.481	176	1146307	21.246	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	195070	20.833	ng/ul	0.00
73) Anthracene-d10	17.340	188	1630908	21.520	ng/ul	0.00
81) Pyrene-d10	19.581	212	1664389	22.327	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.586	264	1501897	21.014	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	78980	7.883	ng/uL	99
5) Pyridine	3.705	79	505096	20.011	ng/ul	98
6) Benzaldehyde	6.975	77	351110	24.665	ng/ul	97
8) Phenol	7.028	94	647530	20.485	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.264	93	532889	20.878	ng/ul	98
12) 2-Chlorophenol	7.399	128	519609	21.052	ng/ul	97
13) 2-Methylphenol	8.281	108	493120	20.978	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.369	45	711306	20.917	ng/ul	99
16) Acetophenone	8.664	105	791073	22.271	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.652	70	392884	23.014	ng/ul	98
18) 4-Methylphenol	8.611	108	543603	21.487	ng/ul	100
19) Hexachloroethane	8.911	117	202446	20.512	ng/ul	91
22) Nitrobenzene	9.046	77	579219	21.283	ng/ul	99
23) Isophorone	9.575	82	1110868	22.279	ng/ul	100
25) 2-Nitrophenol	9.758	139	296594	22.884	ng/ul	96
26) 2,4-Dimethylphenol	9.816	107	584805	21.733	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.058	93	723008	21.373	ng/ul	100
29) 2,4-Dichlorophenol	10.287	162	502169	21.803	ng/ul	98
30) Naphthalene	10.687	128	1725027	20.937	ng/ul	99
32) 4-Chloroaniline	10.805	127	712042	21.835	ng/ul	100
33) Hexachlorobutadiene	10.969	225	318743	21.421	ng/ul	99
34) Caprolactam	11.599	113	130524m	20.697	ng/ul	
35) 4-Chloro-3-methylphenol	11.934	107	521539	22.344	ng/ul	97
36) 2-Methylnaphthalene	12.299	142	1175418	21.932	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.522	142	1166865	21.845	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.669	216	625114	21.611	ng/ul	99
40) Hexachlorocyclopentadiene	12.646	237	307964	20.420	ng/ul	99
41) 2,4,6-Trichlorophenol	12.916	196	395199	22.117	ng/ul	99
42) 2,4,5-Trichlorophenol	12.987	196	418577	22.085	ng/ul	99
43) 1,1'-Biphenyl	13.316	154	1491214	21.166	ng/ul	99
44) 2-Chloronaphthalene	13.357	162	1182609	21.112	ng/ul	99
45) 2-Nitroaniline	13.569	65	298896	22.901	ng/ul	99
47) Dimethylphthalate	13.946	163	1375097	21.485	ng/ul	99
48) 2,6-Dinitrotoluene	14.069	165	261542	23.570	ng/ul	94
50) Acenaphthylene	14.204	152	1779483	21.808	ng/ul	99
51) 3-Nitroaniline	14.399	138	270523	21.771	ng/ul	93
52) Acenaphthene	14.546	153	1236477	21.176	ng/ul	99
53) 2,4-Dinitrophenol	14.610	184	142230	19.532	ng/ul	93
55) 4-Nitrophenol	14.710	109	168978	20.398	ng/ul	90
56) Dibenzofuran	14.881	168	1683247	21.221	ng/ul	99
57) 2,4-Dinitrotoluene	14.857	165	361329	22.614	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.110	232	340930	22.125	ng/ul	98
59) Diethylphthalate	15.310	149	1293048	21.260	ng/ul	100
61) Fluorene	15.534	166	1318978	21.170	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.528	204	657551	21.623	ng/ul	99
63) 4-Nitroaniline	15.563	138	240986	22.033	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.622	198	210631	20.834	ng/ul	96
67) N-Nitrosodiphenylamine	15.746	169	1107723	21.691	ng/ul	100
68) 4-Bromophenyl-phenylether	16.428	248	401076	22.506	ng/ul	96
69) Hexachlorobenzene	16.540	284	474254	22.314	ng/ul	96
70) Atrazine	16.710	200	350672	21.140	ng/ul	100
71) Pentachlorophenol	16.892	266	258329	20.542	ng/ul	99
72) Phenanthrene	17.287	178	1976796	20.814	ng/ul	100
74) Anthracene	17.375	178	1996397	21.354	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.275	216	621843	22.059	ng/uL	99
76) Pentachlorobenzene	14.798	250	640281	22.525	ng/uL	98
77) Carbazole	17.651	167	1702883	20.715	ng/ul	99
78) Di-n-butylphthalate	18.198	149	1927870	21.529	ng/ul	99
80) Fluoranthene	19.257	202	2076005	22.440	ng/ul	98
82) Pyrene	19.610	202	2159232	22.210	ng/ul	98
83) Butylbenzylphthalate	20.481	149	740479	21.722	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.257	252	672210	21.054	ng/ul	100
85) Benzo(a)anthracene	21.316	228	1928001	21.109	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.239	149	1017548	21.108	ng/ul	98
87) Chrysene	21.369	228	1837407	20.986	ng/ul	100
89) Di-n-octyl phthalate	22.163	149	1648526	19.749	ng/ul	100
90) Benzo(b)fluoranthene	23.010	252	1964546	21.158	ng/ul	99
91) Benzo(k)fluoranthene	23.057	252	1873077	20.363	ng/ul	99
93) Benzo(a)pyrene	23.639	252	1717968	20.933	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.245	276	2220746	21.425	ng/ul	97
95) Dibenzo(a,h)anthracene	26.263	278	2002712	21.402	ng/ul	100
96) Benzo(g,h,i)perylene	27.015	276	2019888	21.547	ng/ul	98

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

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