Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081922\
Data File : BP011501.D
Acq On : 19 Aug 2022 10:40
Operator : CG/JU
Sample : PB147110BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 20 04:33:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 17 01:58:37 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS110

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/22/2022
Supervised By :Sohil Jodhani 08/22/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	69351	20.000	ng/ul	0.00
20) Naphthalene-d8	10.340	136	291496	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.228	164	166809	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.998	188	330275	20.000	ng/ul	0.00
79) Chrysene-d12	21.133	240	344735	20.000	ng/ul	0.00
88) Perylene-d12	23.421	264	368139	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.069	96	14830	6.636	ng/uL	0.00
4) Pyridine-d5	3.475	84	172230	30.101	ng/ul	0.00
7) Phenol-d5	6.740	99	199790	31.349	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.905	67	133853	32.328	ng/ul	0.00
11) 2-Chlorophenol-d4	7.087	132	168270	35.899	ng/ul	0.00
15) 4-Methylphenol-d8	8.275	113	163519	32.056	ng/ul	0.00
21) Nitrobenzene-d5	8.716	128	78209	37.268	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.434	143	81320	38.075	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.969	165	137352	34.840	ng/ul	0.00
31) 4-Chloroaniline-d4	10.493	131	293494	44.722	ng/ul	0.00
46) Dimethylphthalate-d6	13.651	166	412320	34.948	ng/ul	0.00
49) Acenaphthylene-d8	13.916	160	497674	37.953	ng/ul	0.00
54) 4-Nitrophenol-d4	14.457	143	77979	34.305	ng/ul	0.00
60) Fluorene-d10	15.228	176	348775	35.139	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.369	200	65355	36.621	ng/ul	0.00
73) Anthracene-d10	17.098	188	520263	35.568	ng/ul	0.00
81) Pyrene-d10	19.363	212	600049	34.403	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.274	264	656769	36.675	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.105	88	29773	12.777	ng/uL	99
5) Pyridine	3.493	79	169280	29.640	ng/ul	96
6) Benzaldehyde	6.710	77	115750	39.576	ng/ul	98
8) Phenol	6.769	94	199502	30.462	ng/ul	97
10) Bis(2-Chloroethyl)ether	6.993	93	155497	30.437	ng/ul	99
12) 2-Chlorophenol	7.116	128	162356	32.189	ng/ul	96
13) 2-Methylphenol	8.010	108	143621	29.768	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.099	45	224749m	29.696	ng/ul	
16) Acetophenone	8.387	105	250575	29.529	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.375	70	127476	30.201	ng/ul	96
18) 4-Methylphenol	8.340	108	157976	29.575	ng/ul	96
19) Hexachloroethane	8.616	117	77292	33.783	ng/ul	99
22) Nitrobenzene	8.757	77	206587	34.924	ng/ul	99
23) Isophorone	9.287	82	334571	32.222	ng/ul	99
25) 2-Nitrophenol	9.469	139	84877	34.831	ng/ul	98
26) 2,4-Dimethylphenol	9.534	107	181393	31.351	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.775	93	202735	32.302	ng/ul	99
29) 2,4-Dichlorophenol	9.999	162	133894	33.186	ng/ul	97
30) Naphthalene	10.393	128	501364	32.575	ng/ul	99
32) 4-Chloroaniline	10.516	127	157018	23.093	ng/ul	97
33) Hexachlorobutadiene	10.669	225	88020	34.269	ng/ul	100
34) Caprolactam	11.316	113	42492m	29.046	ng/ul	
35) 4-Chloro-3-methylphenol	11.657	107	164305	32.210	ng/ul	100
36) 2-Methylnaphthalene	12.016	142	316581	31.615	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.240	142	321008	31.607	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.393	216	144630	34.160	ng/ul	97
40) Hexachlorocyclopentadiene	12.363	237	80385	30.604	ng/ul	98
41) 2,4,6-Trichlorophenol	12.645	196	87424	32.083	ng/ul	95
42) 2,4,5-Trichlorophenol	12.716	196	97985	32.302	ng/ul	98
43) 1,1'-Biphenyl	13.051	154	407762	32.807	ng/ul	99
44) 2-Chloronaphthalene	13.092	162	314628	33.592	ng/ul	99
45) 2-Nitroaniline	13.316	65	115137	36.018	ng/ul	98
47) Dimethylphthalate	13.698	163	402432	33.003	ng/ul	99
48) 2,6-Dinitrotoluene	13.822	165	77950	35.556	ng/ul	96
50) Acenaphthylene	13.945	152	505629	32.458	ng/ul	100
51) 3-Nitroaniline	14.151	138	83376	34.915	ng/ul	96
52) Acenaphthene	14.292	153	351974	33.733	ng/ul	100
53) 2,4-Dinitrophenol	14.363	184	42157	31.418	ng/ul	99
55) 4-Nitrophenol	14.475	109	89023	32.869	ng/ul	91
56) Dibenzofuran	14.634	168	462746	32.161	ng/ul	100
57) 2,4-Dinitrotoluene	14.616	165	118449	36.091	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.863	232	71879	30.182	ng/ul	99
59) Diethylphthalate	15.081	149	442963	33.166	ng/ul	98
61) Fluorene	15.286	166	394709	33.532	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.286	204	176696	33.228	ng/ul	97
63) 4-Nitroaniline	15.328	138	91912m	39.848	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.381	198	63709	34.511	ng/ul	91
67) N-Nitrosodiphenylamine	15.510	169	324961	33.537	ng/ul	98
68) 4-Bromophenyl-phenylether	16.192	248	103622	35.146	ng/ul	96
69) Hexachlorobenzene	16.292	284	116269	34.219	ng/ul	99
70) Atrazine	16.481	200	25460	7.041	ng/ul	92
71) Pentachlorophenol	16.645	266	53652	25.466	ng/ul	99
72) Phenanthrene	17.039	178	603066	33.735	ng/ul	98
74) Anthracene	17.133	178	610329	33.841	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.010	216	148673	35.018	ng/uL	99
76) Pentachlorobenzene	14.545	250	137593	34.154	ng/uL	98
77) Carbazole	17.416	167	574529	33.868	ng/ul	99
78) Di-n-butylphthalate	17.992	149	749462	35.877	ng/ul	99
80) Fluoranthene	19.033	202	689341	32.138	ng/ul	99
82) Pyrene	19.392	202	728442	32.321	ng/ul	98
83) Butylbenzylphthalate	20.292	149	362781	35.883	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.057	252	205454	31.482	ng/ul	100
85) Benzo(a)anthracene	21.116	228	724117	34.477	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.057	149	543582	36.332	ng/ul	99
87) Chrysene	21.169	228	697519	33.808	ng/ul	99
89) Di-n-octyl phthalate	21.951	149	957389	32.352	ng/ul	100
90) Benzo(b)fluoranthene	22.727	252	807881	35.279	ng/ul	99
91) Benzo(k)fluoranthene	22.774	252	771535	35.305	ng/ul	98
93) Benzo(a)pyrene	23.321	252	708887	31.707	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.786	276	904032	36.253	ng/ul	98
95) Dibenzo(a,h)anthracene	25.798	278	766835	35.713	ng/ul	98
96) Benzo(g,h,i)perylene	26.509	276	576106	27.159	ng/ul	99

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

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