Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081822\
Data File : BP011492.D
Acq On : 18 Aug 2022 20:57
Operator : CG/JU
Sample : PB147077BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 18 23:20:12 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 :
SLCS077

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/19/2022
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	87573	20.000	ng/ul	0.00
20) Naphthalene-d8	10.346	136	364523	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.228	164	210621	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.998	188	413521	20.000	ng/ul	0.00
79) Chrysene-d12	21.128	240	410195	20.000	ng/ul	0.00
88) Perylene-d12	23.422	264	428691	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.070	96	18485	6.550	ng/uL	0.00
4) Pyridine-d5	3.481	84	233659	32.340	ng/ul	0.00
7) Phenol-d5	6.740	99	273128	33.939	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.905	67	174690	33.412	ng/ul	0.00
11) 2-Chlorophenol-d4	7.087	132	216154	36.519	ng/ul	0.00
15) 4-Methylphenol-d8	8.281	113	211439	32.826	ng/ul	0.00
21) Nitrobenzene-d5	8.722	128	102159	38.928	ng/ul	0.00
24) 2-Nitrophenol-d4	9.440	143	108804	40.738	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.969	165	185084	37.542	ng/ul	0.00
31) 4-Chloroaniline-d4	10.499	131	267329	32.574	ng/ul	0.00
46) Dimethylphthalate-d6	13.657	166	552599	37.095	ng/ul	0.00
49) Acenaphthylene-d8	13.916	160	630192	38.062	ng/ul	0.00
54) 4-Nitrophenol-d4	14.463	143	111431	38.824	ng/ul	0.00
60) Fluorene-d10	15.234	176	455877	36.375	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.375	200	88843	39.760	ng/ul	0.00
73) Anthracene-d10	17.098	188	718882	39.252	ng/ul	0.00
81) Pyrene-d10	19.363	212	808772	38.970	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.275	264	836193	40.099	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.105	88	37945	12.895	ng/uL	98
5) Pyridine	3.499	79	220728	30.606	ng/ul	99
6) Benzaldehyde	6.711	77	112928	30.577	ng/ul	99
8) Phenol	6.769	94	264300	31.959	ng/ul	98
10) Bis(2-Chloroethyl)ether	6.999	93	202919	31.455	ng/ul	98
12) 2-Chlorophenol	7.122	128	217790	34.194	ng/ul	97
13) 2-Methylphenol	8.011	108	194365	31.903	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.099	45	294181m	30.782	ng/ul	
16) Acetophenone	8.387	105	326025	30.426	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.381	70	171027	32.088	ng/ul	96
18) 4-Methylphenol	8.346	108	211631	31.376	ng/ul	99
19) Hexachloroethane	8.622	117	99359	34.391	ng/ul	98
22) Nitrobenzene	8.764	77	266997	36.094	ng/ul	96
23) Isophorone	9.293	82	452988	34.886	ng/ul	99
25) 2-Nitrophenol	9.469	139	115322	37.844	ng/ul	95
26) 2,4-Dimethylphenol	9.540	107	252254	34.864	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.781	93	267772	34.117	ng/ul	97
29) 2,4-Dichlorophenol	9.999	162	181880	36.048	ng/ul	99
30) Naphthalene	10.393	128	655469	34.056	ng/ul	99
32) 4-Chloroaniline	10.522	127	194673	22.895	ng/ul	95
33) Hexachlorobutadiene	10.675	225	115123	35.842	ng/ul	95
34) Caprolactam	11.322	113	60942m	33.312	ng/ul	
35) 4-Chloro-3-methylphenol	11.663	107	226936	35.575	ng/ul	97
36) 2-Methylnaphthalene	12.022	142	422488	33.739	ng/ul	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.246	142	425668	33.516	ng/ul	98
39)	1,2,4,5-Tetrachloroben...	12.393	216	190954	35.720	ng/ul	98
40)	Hexachlorocyclopentadiene	12.369	237	104270	31.439	ng/ul	99
41)	2,4,6-Trichlorophenol	12.646	196	125938	36.603	ng/ul	97
42)	2,4,5-Trichlorophenol	12.716	196	140153	36.593	ng/ul	98
43)	1,1'-Biphenyl	13.052	154	546468	34.821	ng/ul	99
44)	2-Chloronaphthalene	13.093	162	415771	35.157	ng/ul	99
45)	2-Nitroaniline	13.316	65	161615	40.041	ng/ul	98
47)	Dimethylphthalate	13.704	163	543747	35.316	ng/ul	98
48)	2,6-Dinitrotoluene	13.828	165	109003	39.378	ng/ul	96
50)	Acenaphthylene	13.946	152	695642	35.366	ng/ul	98
51)	3-Nitroaniline	14.157	138	116261	38.559	ng/ul	98
52)	Acenaphthene	14.293	153	462220	35.084	ng/ul	100
53)	2,4-Dinitrophenol	14.369	184	60178	35.519	ng/ul	96
55)	4-Nitrophenol	14.475	109	128826	37.671	ng/ul	92
56)	Dibenzofuran	14.634	168	627215	34.524	ng/ul	98
57)	2,4-Dinitrotoluene	14.616	165	166215	40.110	ng/ul	93
58)	2,3,4,6-Tetrachlorophenol	14.863	232	109655	36.466	ng/ul	98
59)	Diethylphthalate	15.081	149	608684	36.095	ng/ul	99
61)	Fluorene	15.287	166	519360	34.943	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.293	204	236107	35.165	ng/ul	99
63)	4-Nitroaniline	15.334	138	133278m	45.762	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.387	198	87450	37.835	ng/ul	95
67)	N-Nitrosodiphenylamine	15.510	169	448035	36.930	ng/ul	98
68)	4-Bromophenyl-phenylether	16.193	248	136060	36.859	ng/ul	97
69)	Hexachlorobenzene	16.293	284	157753	37.081	ng/ul	99
70)	Atrazine	16.481	200	60803	13.429	ng/ul	98
71)	Pentachlorophenol	16.651	266	92350	35.010	ng/ul	99
72)	Phenanthrene	17.045	178	816069	36.460	ng/ul	99
74)	Anthracene	17.134	178	838682	37.141	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.010	216	188387	35.440	ng/uL	97
76)	Pentachlorobenzene	14.546	250	178392	35.368	ng/uL	98
77)	Carbazole	17.416	167	792506	37.313	ng/ul	99
78)	Di-n-butylphthalate	17.992	149	1057726	40.440	ng/ul	99
80)	Fluoranthene	19.034	202	949103	37.187	ng/ul	99
82)	Pyrene	19.392	202	993903	37.062	ng/ul	99
83)	Butylbenzylphthalate	20.292	149	496973	41.311	ng/ul	93
84)	3,3'-Dichlorobenzidine	21.057	252	291352	37.519	ng/ul	98
85)	Benzo(a)anthracene	21.116	228	950851	38.047	ng/ul	98
86)	Bis(2-ethylhexyl)phtha...	21.057	149	734714	41.270	ng/ul	99
87)	Chrysene	21.169	228	931062	37.926	ng/ul	99
89)	Di-n-octyl phthalate	21.951	149	1268852	36.820	ng/ul	100
90)	Benzo(b)fluoranthene	22.727	252	1029391	38.602	ng/ul	100
91)	Benzo(k)fluoranthene	22.769	252	930917	36.582	ng/ul	98
93)	Benzo(a)pyrene	23.322	252	983739	37.786	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	25.780	276	1093266	37.648	ng/ul	99
95)	Dibenzo(a,h)anthracene	25.804	278	967440	38.691	ng/ul	98
96)	Benzo(g,h,i)perylene	26.504	276	661124	26.765	ng/ul	99

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

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