Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081822\
Data File : BP011496.D
Acq On : 18 Aug 2022 23:49
Operator : CG/JU
Sample : PB147098BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS098

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/19/2022
Supervised By :Sohil Jodhani 08/22/2022

Quant Time: Aug 19 00:20:47 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	86700	20.000	ng/ul	0.00
20) Naphthalene-d8	10.340	136	348247	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.228	164	198784	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.998	188	389596	20.000	ng/ul	0.00
79) Chrysene-d12	21.127	240	410355	20.000	ng/ul	0.00
88) Perylene-d12	23.421	264	437083	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.070	96	15520	5.555	ng/uL	0.00
4) Pyridine-d5	3.475	84	186097	26.016	ng/ul	0.00
7) Phenol-d5	6.740	99	214888	26.971	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.905	67	138533	26.763	ng/ul	0.00
11) 2-Chlorophenol-d4	7.087	132	174354	29.753	ng/ul	0.00
15) 4-Methylphenol-d8	8.275	113	167342	26.241	ng/ul	0.00
21) Nitrobenzene-d5	8.716	128	80117	31.956	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.434	143	84192	32.996	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.969	165	145069	30.801	ng/ul	0.00
31) 4-Chloroaniline-d4	10.493	131	204664	26.104	ng/ul	0.00
46) Dimethylphthalate-d6	13.651	166	420438	29.904	ng/ul	0.00
49) Acenaphthylene-d8	13.916	160	484942	31.034	ng/ul	0.00
54) 4-Nitrophenol-d4	14.457	143	81700	30.160	ng/ul	0.00
60) Fluorene-d10	15.234	176	351719	29.735	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.369	200	66168	31.431	ng/ul	0.00
73) Anthracene-d10	17.098	188	550728	31.918	ng/ul	0.00
81) Pyrene-d10	19.363	212	619417	29.835	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.274	264	685750	32.253	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.099	88	31329	10.754	ng/uL	99
5) Pyridine	3.493	79	174015	24.372	ng/ul	99
6) Benzaldehyde	6.710	77	89223	24.402	ng/ul	96
8) Phenol	6.769	94	203412	24.844	ng/ul	98
10) Bis(2-Chloroethyl)ether	6.999	93	161440	25.277	ng/ul	98
12) 2-Chlorophenol	7.122	128	170971	27.114	ng/ul	98
13) 2-Methylphenol	8.010	108	149151	24.728	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.093	45	232527	24.576	ng/ul	99
16) Acetophenone	8.387	105	252795	23.830	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.375	70	128781	24.405	ng/ul	95
18) 4-Methylphenol	8.340	108	161621	24.203	ng/ul	97
19) Hexachloroethane	8.616	117	79745	27.880	ng/ul	97
22) Nitrobenzene	8.763	77	205402	29.065	ng/ul	99
23) Isophorone	9.287	82	338549	27.291	ng/ul	100
25) 2-Nitrophenol	9.469	139	86807	29.818	ng/ul	98
26) 2,4-Dimethylphenol	9.534	107	189027	27.347	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.775	93	205074	27.350	ng/ul	98
29) 2,4-Dichlorophenol	9.999	162	137430	28.512	ng/ul	96
30) Naphthalene	10.393	128	506600	27.551	ng/ul	99
32) 4-Chloroaniline	10.516	127	144986	17.849	ng/ul	98
33) Hexachlorobutadiene	10.669	225	90285	29.423	ng/ul	96
34) Caprolactam	11.316	113	43327	24.790	ng/ul	97
35) 4-Chloro-3-methylphenol	11.657	107	166718	27.357	ng/ul	99
36) 2-Methylnaphthalene	12.016	142	320582	26.798	ng/ul	96

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.240	142	322421	26.573	ng/ul	97
39)	1,2,4,5-Tetrachloroben...	12.393	216	146929	29.121	ng/ul	99
40)	Hexachlorocyclopentadiene	12.363	237	78508	25.081	ng/ul	97
41)	2,4,6-Trichlorophenol	12.645	196	93503	28.794	ng/ul	99
42)	2,4,5-Trichlorophenol	12.716	196	104065	28.788	ng/ul	99
43)	1,1'-Biphenyl	13.051	154	411176	27.760	ng/ul	98
44)	2-Chloronaphthalene	13.093	162	315557	28.272	ng/ul	98
45)	2-Nitroaniline	13.316	65	114288	30.001	ng/ul	99
47)	Dimethylphthalate	13.698	163	401778	27.649	ng/ul	100
48)	2,6-Dinitrotoluene	13.822	165	79336	30.368	ng/ul	98
50)	Acenaphthylene	13.945	152	523073	28.176	ng/ul	98
51)	3-Nitroaniline	14.151	138	84600	29.729	ng/ul	100
52)	Acenaphthene	14.292	153	346111	27.836	ng/ul	99
53)	2,4-Dinitrophenol	14.363	184	42681	26.692	ng/ul	96
55)	4-Nitrophenol	14.475	109	92813	28.756	ng/ul	92
56)	Dibenzofuran	14.634	168	471847	27.518	ng/ul	98
57)	2,4-Dinitrotoluene	14.616	165	118163	30.213	ng/ul#	98
58)	2,3,4,6-Tetrachlorophenol	14.863	232	80134	28.236	ng/ul	98
59)	Diethylphthalate	15.081	149	453537	28.496	ng/ul	98
61)	Fluorene	15.287	166	389451	27.763	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.292	204	175597	27.710	ng/ul	99
63)	4-Nitroaniline	15.328	138	96006m	34.927	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.381	198	65169	29.926	ng/ul	95
67)	N-Nitrosodiphenylamine	15.510	169	333377	29.167	ng/ul	99
68)	4-Bromophenyl-phenylether	16.192	248	101985	29.324	ng/ul	97
69)	Hexachlorobenzene	16.292	284	116944	29.177	ng/ul	99
70)	Atrazine	16.481	200	44474	10.426	ng/ul	98
71)	Pentachlorophenol	16.645	266	66897	26.918	ng/ul	99
72)	Phenanthrene	17.039	178	608895	28.875	ng/ul	100
74)	Anthracene	17.133	178	621844	29.229	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.010	216	142713	28.496	ng/uL	98
76)	Pentachlorobenzene	14.545	250	136137	28.648	ng/uL	98
77)	Carbazole	17.416	167	587383	29.353	ng/ul	99
78)	Di-n-butylphthalate	17.992	149	761592	30.906	ng/ul	99
80)	Fluoranthene	19.033	202	712099	27.890	ng/ul	99
82)	Pyrene	19.392	202	744878	27.765	ng/ul	99
83)	Butylbenzylphthalate	20.292	149	371633	30.880	ng/ul	95
84)	3,3'-Dichlorobenzidine	21.057	252	232629	29.946	ng/ul	99
85)	Benzo(a)anthracene	21.116	228	733639	29.344	ng/ul	98
86)	Bis(2-ethylhexyl)phtha...	21.057	149	551672	30.976	ng/ul	100
87)	Chrysene	21.169	228	721056	29.360	ng/ul	99
89)	Di-n-octyl phthalate	21.951	149	971115	27.639	ng/ul	100
90)	Benzo(b)fluoranthene	22.727	252	816315	30.024	ng/ul	100
91)	Benzo(k)fluoranthene	22.774	252	736609	28.390	ng/ul	98
93)	Benzo(a)pyrene	23.321	252	792938	29.872	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	25.786	276	855346	28.890	ng/ul	97
95)	Dibenzo(a,h)anthracene	25.804	278	780087	30.599	ng/ul	98
96)	Benzo(g,h,i)perylene	26.504	276	555975	22.076	ng/ul	99

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

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