Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051622\
Data File : BP010386.D
Acq On : 17 May 2022 11:58
Operator : CG/JU
Sample : N2713-13MS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBSL3MS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 05/18/2022
Supervised By :mohammad ahmed 05/18/2022

Quant Time: May 18 00:57:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 13 15:04:31 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	173041	20.000	ng/ul	0.00
20) Naphthalene-d8	10.704	136	749514	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.539	164	507616	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.292	188	1103508	20.000	ng/ul	# 0.01
79) Chrysene-d12	21.380	240	1080613	20.000	ng/ul	# 0.02
88) Perylene-d12	23.815	264	989292	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	16778m	4.133	ng/uL	0.00
4) Pyridine-d5	3.764	84	163331	14.170	ng/ul	0.00
7) Phenol-d5	7.069	99	385336	26.532	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	245600	25.169	ng/ul	0.00
11) 2-Chlorophenol-d4	7.434	132	295533	26.592	ng/ul	0.00
15) 4-Methylphenol-d8	8.610	113	325362	26.360	ng/ul	0.00
21) Nitrobenzene-d5	9.063	128	154127	26.570	ng/ul	0.00
24) 2-Nitrophenol-d4	9.787	143	170713	27.770	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	317238	27.292	ng/ul	0.00
31) 4-Chloroaniline-d4	10.840	131	402417	23.284	ng/ul	0.00
46) Dimethylphthalate-d6	13.945	166	1015445	27.151	ng/ul	0.00
49) Acenaphthylene-d8	14.228	160	1166703	27.045	ng/ul	0.00
54) 4-Nitrophenol-d4	14.734	143	157370	23.640	ng/ul	0.00
60) Fluorene-d10	15.534	176	855495	26.293	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.651	200	138042	21.389	ng/ul	0.00
73) Anthracene-d10	17.392	188	1355567	27.128	ng/ul	0.01
81) Pyrene-d10	19.622	212	1603320	27.938	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.657	264	1422759	28.641	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	41402	9.845	ng/uL#	8
5) Pyridine	3.781	79	290416	24.243	ng/ul#	39
6) Benzaldehyde	7.040	77	241146	31.408	ng/ul	95
8) Phenol	7.093	94	403626	25.760	ng/ul#	91
10) Bis(2-Chloroethyl)ether	7.322	93	311483	25.284	ng/ul#	75
12) 2-Chlorophenol	7.463	128	304518	26.247	ng/ul	95
13) 2-Methylphenol	8.346	108	302312	25.846	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.434	45	510010	25.402	ng/ul#	82
16) Acetophenone	8.728	105	487800	25.154	ng/ul#	77
17) N-Nitroso-di-n-propyla...	8.716	70	265349	25.566	ng/ul#	70
18) 4-Methylphenol	8.675	108	329057	25.454	ng/ul	93
19) Hexachloroethane	8.981	117	127063	25.182	ng/ul#	79
22) Nitrobenzene	9.104	77	390684	25.629	ng/ul#	84
23) Isophorone	9.634	82	727314	25.813	ng/ul#	97
25) 2-Nitrophenol	9.816	139	175833	26.049	ng/ul#	87
26) 2,4-Dimethylphenol	9.881	107	383376	26.176	ng/ul#	83
27) Bis(2-Chloroethoxy)met...	10.116	93	433591	25.845	ng/ul#	97
29) 2,4-Dichlorophenol	10.351	162	313747	26.400	ng/ul#	83
30) Naphthalene	10.757	128	991682	25.331	ng/ul	97
32) 4-Chloroaniline	10.863	127	394553	23.003	ng/ul	98
33) Hexachlorobutadiene	11.046	225	210109	24.950	ng/ul	98
34) Caprolactam	11.640	113	107560	25.934	ng/ul#	1
35) 4-Chloro-3-methylphenol	11.993	107	365548	26.294	ng/ul#	68
36) 2-Methylnaphthalene	12.363	142	694112	25.045	ng/ul	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.581	142	712979	25.479	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.734	216	392555	25.341	ng/ul#	94
40) Hexachlorocyclopentadiene	12.716	237	202599	24.057	ng/ul	97
41) 2,4,6-Trichlorophenol	12.975	196	257440	26.661	ng/ul#	82
42) 2,4,5-Trichlorophenol	13.045	196	282352	26.189	ng/ul#	90
43) 1,1'-Biphenyl	13.369	154	956282	25.666	ng/ul#	93
44) 2-Chloronaphthalene	13.410	162	735079	25.543	ng/ul	94
45) 2-Nitroaniline	13.616	65	256596	27.092	ng/ul#	78
47) Dimethylphthalate	13.992	163	934219	25.182	ng/ul#	92
48) 2,6-Dinitrotoluene	14.110	165	198823	26.291	ng/ul	97
50) Acenaphthylene	14.257	152	1194709	25.600	ng/ul	95
51) 3-Nitroaniline	14.439	138	188794	26.599	ng/ul#	83
52) Acenaphthene	14.604	153	766181	25.167	ng/ul	96
53) 2,4-Dinitrophenol	14.651	184	82579	19.559	ng/ul#	76
55) 4-Nitrophenol	14.751	109	145159	24.524	ng/ul#	44
56) Dibenzofuran	14.939	168	1119900	25.101	ng/ul	100
57) 2,4-Dinitrotoluene	14.904	165	286966	26.360	ng/ul#	80
58) 2,3,4,6-Tetrachlorophenol	15.163	232	237332	25.599	ng/ul#	84
59) Diethylphthalate	15.357	149	956307	25.263	ng/ul#	92
61) Fluorene	15.586	166	916462	25.118	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.581	204	474571	25.005	ng/ul	96
63) 4-Nitroaniline	15.604	138	203306	29.010	ng/ul#	76
66) 4,6-Dinitro-2-methylph...	15.669	198	147585	22.931	ng/ul#	90
67) N-Nitrosodiphenylamine	15.792	169	787261	25.439	ng/ul	95
68) 4-Bromophenyl-phenylether	16.481	248	289184	25.446	ng/ul	93
69) Hexachlorobenzene	16.604	284	325218	24.878	ng/ul#	90
70) Atrazine	16.751	200	308219	24.861	ng/ul#	89
71) Pentachlorophenol	16.945	266	194087	23.662	ng/ul#	83
72) Phenanthrene	17.333	178	1481141	25.150	ng/ul	99
74) Anthracene	17.428	178	1487154	25.172	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.340	216	407241	24.283	ng/uL#	86
76) Pentachlorobenzene	14.863	250	378380	24.867	ng/uL	90
77) Carbazole	17.698	167	1313135	25.291	ng/ul	97
78) Di-n-butylphthalate	18.245	149	1653255	26.143	ng/ul#	93
80) Fluoranthene	19.298	202	1764373	26.456	ng/ul	97
82) Pyrene	19.651	202	1816801	26.105	ng/ul	96
83) Butylbenzylphthalate	20.521	149	769131	27.637	ng/ul#	82
84) 3,3'-Dichlorobenzidine	21.292	252	507959	23.388	ng/ul#	96
85) Benzo(a)anthracene	21.363	228	1723328	25.503	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.286	149	1137378	27.851	ng/ul#	82
87) Chrysene	21.416	228	1697979	25.546	ng/ul	99
89) Di-n-octyl phthalate	22.221	149	1920165	25.873	ng/ul	100
90) Benzo(b)fluoranthene	23.068	252	1668436	25.303	ng/ul	99
91) Benzo(k)fluoranthene	23.115	252	1619664	25.844	ng/ul#	98
93) Benzo(a)pyrene	23.710	252	1575755	25.721	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.356	276	1511647	26.228	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.374	278	1300248	26.000	ng/ul#	94
96) Benzo(g,h,i)perylene	27.133	276	1252157	26.019	ng/ul#	90

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

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