Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051622\
Data File : BP010359.D
Acq On : 16 May 2022 16:22
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020651

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022

Quant Time: May 16 23:21:18 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	7.898	152	122765	20.000	ng/ul	0.00
20) Naphthalene-d8	10.698	136	547768	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.533	164	370030	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.286	188	820737	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.368	240	855847	20.000	ng/ul	# 0.00
88) Perylene-d12	23.797	264	826731	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	24000	8.333	ng/uL	0.00
4) Pyridine-d5	3.763	84	160464	19.622	ng/ul	0.00
7) Phenol-d5	7.063	99	205841	19.977	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	145323	20.992	ng/ul	0.00
11) 2-Chlorophenol-d4	7.428	132	165280m	20.963	ng/ul	0.00
15) 4-Methylphenol-d8	8.610	113	177534	20.274	ng/ul	0.00
21) Nitrobenzene-d5	9.057	128	89474	21.105	ng/ul	0.00
24) 2-Nitrophenol-d4	9.781	143	94495	21.033	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	175355	20.642	ng/ul	0.00
31) 4-Chloroaniline-d4	10.839	131	250477	19.830	ng/ul	0.00
46) Dimethylphthalate-d6	13.939	166	568700	20.860	ng/ul	0.00
49) Acenaphthylene-d8	14.222	160	663258	21.091	ng/ul	0.00
54) 4-Nitrophenol-d4	14.727	143	94070	19.386	ng/ul	0.00
60) Fluorene-d10	15.521	176	494790	20.861	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	91905	19.147	ng/ul	0.00
73) Anthracene-d10	17.380	188	780977	21.014	ng/ul	0.00
81) Pyrene-d10	19.615	212	936572	20.606	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.639	264	880879	21.219	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.375	88	24080	8.071	ng/uL#	16
5) Pyridine	3.781	79	167470	19.705	ng/ul#	31
6) Benzaldehyde	7.040	77	130373	23.935	ng/ul	96
8) Phenol	7.092	94	226365	20.364	ng/ul#	94
10) Bis(2-Chloroethyl)ether	7.322	93	183981	21.050	ng/ul#	75
12) 2-Chlorophenol	7.463	128	172219	20.923	ng/ul	97
13) 2-Methylphenol	8.339	108	170606	20.559	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.428	45	300882	21.123	ng/ul#	81
16) Acetophenone	8.722	105	292376	21.251	ng/ul#	78
17) N-Nitroso-di-n-propyla...	8.710	70	154300	20.955	ng/ul#	71
18) 4-Methylphenol	8.669	108	192043	20.939	ng/ul	93
19) Hexachloroethane	8.981	117	74232	20.736	ng/ul#	76
22) Nitrobenzene	9.098	77	225102	20.205	ng/ul#	82
23) Isophorone	9.628	82	427368	20.754	ng/ul#	97
25) 2-Nitrophenol	9.810	139	101529	20.581	ng/ul#	87
26) 2,4-Dimethylphenol	9.875	107	216565	20.232	ng/ul#	75
27) Bis(2-Chloroethoxy)met...	10.110	93	254346	20.745	ng/ul#	96
29) 2,4-Dichlorophenol	10.345	162	178381m	20.538	ng/ul	
30) Naphthalene	10.751	128	594884	20.792	ng/ul	96
32) 4-Chloroaniline	10.863	127	251950	20.099	ng/ul	97
33) Hexachlorobutadiene	11.039	225	127828	20.770	ng/ul	88
34) Caprolactam	11.633	113	60738m	20.038	ng/ul	
35) 4-Chloro-3-methylphenol	11.986	107	209918	20.660	ng/ul#	70
36) 2-Methylnaphthalene	12.357	142	412980	20.389	ng/ul	91

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.575	142	415663	20.325	ng/ul#	92
39)	1,2,4,5-Tetrachloroben...	12.727	216	238124	21.088	ng/ul	95
40)	Hexachlorocyclopentadiene	12.710	237	118942	19.375	ng/ul	98
41)	2,4,6-Trichlorophenol	12.969	196	150546	21.388	ng/ul#	84
42)	2,4,5-Trichlorophenol	13.039	196	167490m	21.311	ng/ul	
43)	1,1'-Biphenyl	13.369	154	575127	21.175	ng/ul	93
44)	2-Chloronaphthalene	13.410	162	440354	20.992	ng/ul	93
45)	2-Nitroaniline	13.610	65	147118	21.309	ng/ul#	76
47)	Dimethylphthalate	13.986	163	563997	20.856	ng/ul#	91
48)	2,6-Dinitrotoluene	14.104	165	114888	20.841	ng/ul	95
50)	Acenaphthylene	14.251	152	716879	21.073	ng/ul	95
51)	3-Nitroaniline	14.433	138	104684	20.233	ng/ul#	81
52)	Acenaphthene	14.598	153	464652	20.938	ng/ul	95
53)	2,4-Dinitrophenol	14.645	184	53281	17.312	ng/ul#	79
55)	4-Nitrophenol	14.739	109	85021	19.705	ng/ul#	43
56)	Dibenzofuran	14.927	168	677302	20.825	ng/ul	100
57)	2,4-Dinitrotoluene	14.892	165	167547	21.113	ng/ul#	78
58)	2,3,4,6-Tetrachlorophenol	15.157	232	141715	20.969	ng/ul#	86
59)	Diethylphthalate	15.351	149	571833	20.723	ng/ul	92
61)	Fluorene	15.580	166	560904	21.089	ng/ul	91
62)	4-Chlorophenyl-phenyle...	15.574	204	287101	20.752	ng/ul	96
63)	4-Nitroaniline	15.598	138	110188m	21.569	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.663	198	92571	19.339	ng/ul#	94
67)	N-Nitrosodiphenylamine	15.786	169	479615	20.837	ng/ul	94
68)	4-Bromophenyl-phenylether	16.468	248	174422	20.636	ng/ul	95
69)	Hexachlorobenzene	16.592	284	198054	20.371	ng/ul#	88
70)	Atrazine	16.745	200	182382	19.780	ng/ul#	87
71)	Pentachlorophenol	16.933	266	118439	19.415	ng/ul#	85
72)	Phenanthrene	17.327	178	898150	20.505	ng/ul	99
74)	Anthracene	17.415	178	917767	20.886	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.333	216	254622m	20.414	ng/uL	
76)	Pentachlorobenzene	14.857	250	235488	20.808	ng/uL	91
77)	Carbazole	17.686	167	792856m	20.531	ng/ul	
78)	Di-n-butylphthalate	18.239	149	978498	20.804	ng/ul#	92
80)	Fluoranthene	19.292	202	1092204	20.678	ng/ul	97
82)	Pyrene	19.645	202	1137867	20.643	ng/ul#	94
83)	Butylbenzylphthalate	20.515	149	457011	20.735	ng/ul#	80
84)	3,3'-Dichlorobenzidine	21.280	252	373122	21.691	ng/ul#	95
85)	Benzo(a)anthracene	21.351	228	1112194	20.781	ng/ul	95
86)	Bis(2-ethylhexyl)phtha...	21.274	149	689429	21.316	ng/ul#	81
87)	Chrysene	21.403	228	1097919	20.856	ng/ul	99
89)	Di-n-octyl phthalate	22.209	149	1166778	18.813	ng/ul	100
90)	Benzo(b)fluoranthene	23.056	252	1135805	20.612	ng/ul	99
91)	Benzo(k)fluoranthene	23.103	252	1070341	20.437	ng/ul#	98
93)	Benzo(a)pyrene	23.686	252	1087592	21.243	ng/ul#	98
94)	Indeno(1,2,3-cd)pyrene	26.333	276	1058528	21.978	ng/ul#	94
95)	Dibenzo(a,h)anthracene	26.350	278	909401m	21.760	ng/ul	
96)	Benzo(g,h,i)perylene	27.103	276	879920	21.879	ng/ul#	91

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

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