Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020122\
Data File : BM033948.D
Acq On : 01 Feb 2022 20:19
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020088

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 02/02/2022
Supervised By :Yogesh Patel 02/04/2022

Quant Time: Feb 02 00:02:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013122.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 01 02:16:28 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	128443	20.000	ng/ul	0.00
20) Naphthalene-d8	10.742	136	551298	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.565	164	339303	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.301	188	624283	20.000	ng/ul	0.00
79) Chrysene-d12	21.465	240	494422	20.000	ng/ul	0.00
88) Perylene-d12	23.859	264	491495	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.290	96	25951	7.968	ng/uL	0.00
4) Pyridine-d5	3.719	84	185665	20.425	ng/ul	0.00
7) Phenol-d5	7.084	99	221043	20.542	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.248	67	136993	20.882	ng/ul	0.00
11) 2-Chlorophenol-d4	7.454	132	182348	21.151	ng/ul	0.00
15) 4-Methylphenol-d8	8.636	113	180624	21.183	ng/ul	0.00
21) Nitrobenzene-d5	9.089	128	89589	20.253	ng/ul	0.00
24) 2-Nitrophenol-d4	9.813	143	97553	20.421	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.360	165	176290	20.393	ng/ul	0.00
31) 4-Chloroaniline-d4	10.872	131	240875	20.178	ng/ul	0.00
46) Dimethylphthalate-d6	13.971	166	502853	19.832	ng/ul	0.00
49) Acenaphthylene-d8	14.260	160	632220	20.355	ng/ul	0.00
54) 4-Nitrophenol-d4	14.748	143	78647	18.156	ng/ul	0.00
60) Fluorene-d10	15.554	176	419309	19.806	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.665	200	72640	18.534	ng/ul	0.00
73) Anthracene-d10	17.401	188	599041	20.037	ng/ul	0.00
81) Pyrene-d10	19.683	212	599289	20.531	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.700	264	530293	20.542	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.325	88	28749	8.089	ng/uL#	84
5) Pyridine	3.737	79	195749	20.862	ng/ul	85
6) Benzaldehyde	7.054	77	151264	23.282	ng/ul	83
8) Phenol	7.113	94	232699	21.087	ng/ul#	83
10) Bis(2-Chloroethyl)ether	7.342	93	184552	21.174	ng/ul	91
12) 2-Chlorophenol	7.489	128	186231	20.618	ng/ul	90
13) 2-Methylphenol	8.372	108	175556	21.064	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.460	45	250642	21.362	ng/ul	96
16) Acetophenone	8.754	105	292036	21.574	ng/ul	88
17) N-Nitroso-di-n-propyla...	8.742	70	149535	21.759	ng/ul#	88
18) 4-Methylphenol	8.701	108	189520	21.314	ng/ul	96
19) Hexachloroethane	9.019	117	79939	20.398	ng/ul#	83
22) Nitrobenzene	9.130	77	224286	20.480	ng/ul	92
23) Isophorone	9.666	82	401746	20.440	ng/ul	96
25) 2-Nitrophenol	9.848	139	104474	20.384	ng/ul	85
26) 2,4-Dimethylphenol	9.907	107	229167	20.498	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.148	93	250217	20.478	ng/ul	99
29) 2,4-Dichlorophenol	10.383	162	177730	20.578	ng/ul	97
30) Naphthalene	10.789	128	616451	20.215	ng/ul	98
32) 4-Chloroaniline	10.895	127	244674	20.186	ng/ul	100
33) Hexachlorobutadiene	11.083	225	128397	20.090	ng/ul	97
34) Caprolactam	11.660	113	47961	19.512	ng/ul	83
35) 4-Chloro-3-methylphenol	12.019	107	201538	20.363	ng/ul#	87
36) 2-Methylnaphthalene	12.401	142	412522	20.533	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.618	142	415313	20.165	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.766	216	217648	20.169	ng/ul	99
40)	Hexachlorocyclopentadiene	12.754	237	149852	18.824	ng/ul	98
41)	2,4,6-Trichlorophenol	13.001	196	134825	20.064	ng/ul	99
42)	2,4,5-Trichlorophenol	13.071	196	145232	20.374	ng/ul	92
43)	1,1'-Biphenyl	13.401	154	550097	20.225	ng/ul	99
44)	2-Chloronaphthalene	13.442	162	417537	20.361	ng/ul	98
45)	2-Nitroaniline	13.642	65	122635m	20.321	ng/ul	
47)	Dimethylphthalate	14.018	163	503801	19.783	ng/ul	99
48)	2,6-Dinitrotoluene	14.136	165	99001	20.368	ng/ul	97
50)	Acenaphthylene	14.289	152	665791	20.105	ng/ul	99
51)	3-Nitroaniline	14.460	138	98808	20.592	ng/ul	87
52)	Acenaphthene	14.630	153	434568	20.044	ng/ul	98
53)	2,4-Dinitrophenol	14.665	184	49616	16.728	ng/ul	88
55)	4-Nitrophenol	14.765	109	78693	18.818	ng/ul	86
56)	Dibenzofuran	14.960	168	609214	19.967	ng/ul	100
57)	2,4-Dinitrotoluene	14.918	165	135798	19.581	ng/ul#	80
58)	2,3,4,6-Tetrachlorophenol	15.183	232	115380	19.673	ng/ul#	96
59)	Diethylphthalate	15.377	149	502592	19.377	ng/ul	99
61)	Fluorene	15.607	166	482039	19.741	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.601	204	246394	19.755	ng/ul	98
63)	4-Nitroaniline	15.618	138	95137	20.554	ng/ul	84
66)	4,6-Dinitro-2-methylph...	15.683	198	72938	18.626	ng/ul#	90
67)	N-Nitrosodiphenylamine	15.812	169	400034	20.649	ng/ul	98
68)	4-Bromophenyl-phenylether	16.495	248	140633	20.849	ng/ul	96
69)	Hexachlorobenzene	16.612	284	158628	20.567	ng/ul	97
70)	Atrazine	16.759	200	139799	19.178	ng/ul	97
71)	Pentachlorophenol	16.953	266	90434	18.281	ng/ul	95
72)	Phenanthrene	17.342	178	699999	19.940	ng/ul	99
74)	Anthracene	17.430	178	711548	20.169	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.371	216	233020	21.357	ng/uL	97
76)	Pentachlorobenzene	14.883	250	203897	20.964	ng/uL	99
77)	Carbazole	17.700	167	594871	19.049	ng/ul	98
78)	Di-n-butylphthalate	18.265	149	735733	18.947	ng/ul	98
80)	Fluoranthene	19.347	202	725398	20.761	ng/ul	99
82)	Pyrene	19.712	202	729946	20.440	ng/ul	99
83)	Butylbenzylphthalate	20.606	149	276704	19.017	ng/ul	87
84)	3,3'-Dichlorobenzidine	21.383	252	205364	20.873	ng/ul	95
85)	Benzo(a)anthracene	21.447	228	646556	20.186	ng/ul	98
86)	Bis(2-ethylhexyl)phtha...	21.383	149	397637	18.740	ng/ul	99
87)	Chrysene	21.500	228	628604	20.082	ng/ul	99
89)	Di-n-octyl phthalate	22.300	149	658248	18.495	ng/ul	100
90)	Benzo(b)fluoranthene	23.124	252	661125	19.802	ng/ul	99
91)	Benzo(k)fluoranthene	23.171	252	629343	20.532	ng/ul	99
93)	Benzo(a)pyrene	23.747	252	647158	20.499	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	26.347	276	768122	21.049	ng/ul	96
95)	Dibenzo(a,h)anthracene	26.365	278	672530	21.293	ng/ul	98
96)	Benzo(g,h,i)perylene	27.118	276	654553	21.333	ng/ul	100

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

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