Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081523\
Data File : BM041413.D
Acq On : 15 Aug 2023 19:34
Operator : MA/JU
Sample : 03985-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 16 01:12:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 17:51:06 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PNNL-APM2-0811-1MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/16/2023
Supervised By :Sohil Jodhani 08/16/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	152114	20.000	ng	-0.01
21) Naphthalene-d8	10.569	136	545298	20.000	ng	-0.01
39) Acenaphthene-d10	14.427	164	298051	20.000	ng	-0.01
64) Phenanthrene-d10	17.186	188	599202	20.000	ng	#-0.02
76) Chrysene-d12	21.392	240	697408	20.000	ng	-0.02
86) Perylene-d12	23.756	264	858157	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	926143	90.998	ng	0.00
7) Phenol-d6	6.951	99	1058453	80.230	ng	0.00
23) Nitrobenzene-d5	8.945	82	807350	68.853	ng	0.00
42) 2,4,6-Tribromophenol	15.933	330	453850	107.655	ng	-0.01
45) 2-Fluorobiphenyl	13.045	172	1646797	69.797	ng	-0.01
79) Terphenyl-d14	19.827	244	2515172	65.207	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.257	88	124817	28.668	ng	# 43
3) Pyridine	3.663	79	271939	23.754	ng	95
4) n-Nitrosodimethylamine	3.575	42	162127	30.621	ng	97
6) Aniline	7.104	93	207526	13.441	ng	99
8) 2-Chlorophenol	7.334	128	346015	34.825	ng	98
9) Benzaldehyde	6.916	77	130110	18.691	ng	94
10) Phenol	6.981	94	385925	30.288	ng	95
11) bis(2-Chloroethyl)ether	7.204	93	347373	33.679	ng	97
12) 1,3-Dichlorobenzene	7.651	146	397941	36.794	ng	99
13) 1,4-Dichlorobenzene	7.798	146	404760	37.234	ng	99
14) 1,2-Dichlorobenzene	8.116	146	384081	36.849	ng	98
15) Benzyl Alcohol	8.028	79	321179	38.551	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.292	45	393773	28.654	ng	95
17) 2-Methylphenol	8.228	107	276170	31.725	ng	98
18) Hexachloroethane	8.828	117	149787	37.011	ng	91
19) n-Nitroso-di-n-propyla...	8.587	70	273638	34.149	ng	95
20) 3+4-Methylphenols	8.557	107	365008	31.360	ng	98
22) Acetophenone	8.604	105	526593	36.463	ng	# 99
24) Nitrobenzene	8.986	77	417545	35.212	ng	99
25) Isophorone	9.510	82	712685	35.805	ng	98
26) 2-Nitrophenol	9.692	139	184081	39.711	ng	94
27) 2,4-Dimethylphenol	9.757	122	272138	33.362	ng	95
28) bis(2-Chloroethoxy)met...	9.992	93	427050	34.251	ng	99
29) 2,4-Dichlorophenol	10.228	162	321832	39.124	ng	98
30) 1,2,4-Trichlorobenzene	10.433	180	373678	41.116	ng	96
31) Naphthalene	10.616	128	1020412	34.484	ng	100
32) Benzoic acid	9.939	122	194019	34.104	ng	98
33) 4-Chloroaniline	10.769	127	51772	4.378	ng	98
34) Hexachlorobutadiene	10.886	225	245076	44.836	ng	99
35) Caprolactam	11.575	113	71998m	30.256	ng	
36) 4-Chloro-3-methylphenol	11.886	107	308366	35.616	ng	100
37) 2-Methylnaphthalene	12.239	142	670544	33.612	ng	98
38) 1-Methylnaphthalene	12.457	142	639778	34.265	ng	97
40) 1,2,4,5-Tetrachloroben...	12.610	216	396541	40.973	ng	# 98
41) Hexachlorocyclopentadiene	12.569	237	279278	54.545	ng	97
43) 2,4,6-Trichlorophenol	12.863	196	251988	40.623	ng	97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.939	196	268877	37.450	ng		96
46)	1,1'-Biphenyl	13.257	154	885453	36.646	ng		99
47)	2-Chloronaphthalene	13.298	162	695545	38.552	ng		99
48)	2-Nitroaniline	13.527	65	203854	35.398	ng		98
49)	Acenaphthylene	14.151	152	1071977	36.812	ng		100
50)	Dimethylphthalate	13.898	163	816659	36.426	ng		100
51)	2,6-Dinitrotoluene	14.027	165	177122	38.128	ng		97
52)	Acenaphthene	14.492	154	614378	35.021	ng		99
53)	3-Nitroaniline	14.368	138	83984	17.362	ng		96
54)	2,4-Dinitrophenol	14.586	184	111283	38.721	ng		89
55)	Dibenzofuran	14.827	168	1008401	35.231	ng		99
56)	4-Nitrophenol	14.686	139	248652	64.225	ng		94
57)	2,4-Dinitrotoluene	14.827	165	233213	35.869	ng		94
58)	Fluorene	15.480	166	791615	35.059	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.063	232	230018	39.564	ng		95
60)	Diethylphthalate	15.263	149	766911	35.372	ng		99
61)	4-Chlorophenyl-phenyle...	15.480	204	422704	37.358	ng		97
62)	4-Nitroaniline	15.533	138	138964	29.771	ng		92
63)	Azobenzene	15.774	77	782180	32.935	ng		97
65)	4,6-Dinitro-2-methylph...	15.592	198	87062	23.984	ng		92
66)	n-Nitrosodiphenylamine	15.704	169	657364	35.275	ng		99
67)	4-Bromophenyl-phenylether	16.374	248	255088	38.828	ng		100
68)	Hexachlorobenzene	16.486	284	297983	40.790	ng		94
69)	Atrazine	16.662	200	234849	47.987	ng		99
70)	Pentachlorophenol	16.845	266	350048	69.198	ng		100
71)	Phenanthrene	17.233	178	1186131	35.628	ng		100
72)	Anthracene	17.321	178	1207662	36.678	ng		100
73)	Carbazole	17.604	167	1105361	37.091	ng		100
74)	Di-n-butylphthalate	18.162	149	1243164	36.915	ng		100
75)	Fluoranthene	19.256	202	1502703	40.176	ng		98
77)	Benzidine	19.456	184	506065	53.239	ng		99
78)	Pyrene	19.621	202	1607259	32.955	ng		99
80)	Butylbenzylphthalate	20.527	149	629907	35.368	ng		96
81)	Benzo(a)anthracene	21.380	228	1800348	38.080	ng		98
82)	3,3'-Dichlorobenzidine	21.315	252	434078	28.137	ng		99
83)	Chrysene	21.433	228	1664257	36.393	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.297	149	988983	35.656	ng		98
85)	Di-n-octyl phthalate	22.215	149	1757068	39.035	ng		95
87)	Indeno(1,2,3-cd)pyrene	26.197	276	2391094	37.898	ng	#	94
88)	Benzo(b)fluoranthene	23.039	252	1917552	37.614	ng	#	97
89)	Benzo(k)fluoranthene	23.086	252	1908233m	36.593	ng		
90)	Benzo(a)pyrene	23.650	252	1744433	35.612	ng	#	97
91)	Dibenzo(a,h)anthracene	26.209	278	2016583	38.320	ng	#	96
92)	Benzo(g,h,i)perylene	26.950	276	1910157	37.096	ng	#	95

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

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