Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110923\
Data File : BM042670.D
Acq On : 09 Nov 2023 13:51
Operator : MA/JU
Sample : PB156974BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 09 14:50:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 09 13:21:00 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB156974BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/11/2023
Supervised By :mohammad ahmed 11/11/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.845	152	36701	20.000	ng		0.00
21) Naphthalene-d8	10.663	136	147613	20.000	ng		0.00
39) Acenaphthene-d10	14.504	164	93251	20.000	ng		0.00
64) Phenanthrene-d10	17.256	188	200967	20.000	ng	#	0.00
76) Chrysene-d12	21.438	240	179730	20.000	ng	#	0.00
86) Perylene-d12	23.815	264	183256	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	335189	147.395	ng		0.00
7) Phenol-d6	7.016	99	433256	138.917	ng		0.00
23) Nitrobenzene-d5	9.051	82	304895	96.286	ng		0.00
42) 2,4,6-Tribromophenol	15.998	330	197425	162.160	ng		0.00
45) 2-Fluorobiphenyl	13.121	172	638243	92.098	ng		0.00
79) Terphenyl-d14	19.874	244	1014653	95.724	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.228	88	38903	35.896	ng	#	93
3) Pyridine	3.651	79	88507	28.469	ng	#	91
4) n-Nitrosodimethylamine	3.581	42	91346	61.055	ng	#	67
6) Aniline	7.192	93	122749	30.963	ng		93
8) 2-Chlorophenol	7.404	128	109313	44.579	ng		97
9) Benzaldehyde	7.010	77	43877	24.410	ng		90
10) Phenol	7.039	94	144987	45.773	ng		84
11) bis(2-Chloroethyl)ether	7.286	93	106564	39.768	ng		95
12) 1,3-Dichlorobenzene	7.722	146	118676m	44.781	ng		
13) 1,4-Dichlorobenzene	7.881	146	121981	45.480	ng		98
14) 1,2-Dichlorobenzene	8.192	146	119067	45.982	ng		95
15) Benzyl Alcohol	8.110	79	108944m	49.341	ng		
16) 2,2'-oxybis(1-Chloropr...	8.381	45	181437m	42.548	ng		
17) 2-Methylphenol	8.298	107	93404	41.646	ng	#	92
18) Hexachloroethane	8.904	117	53412	50.896	ng		93
19) n-Nitroso-di-n-propyla...	8.669	70	96808	43.878	ng	#	85
20) 3+4-Methylphenols	8.633	107	124382	41.481	ng		94
22) Acetophenone	8.698	105	173655	46.645	ng	#	88
24) Nitrobenzene	9.092	77	149431	47.912	ng		94
25) Isophorone	9.598	82	253193	45.175	ng		99
26) 2-Nitrophenol	9.792	139	56960	43.317	ng	#	86
27) 2,4-Dimethylphenol	9.833	122	100991m	47.101	ng		
28) bis(2-Chloroethoxy)met...	10.086	93	143341	42.451	ng		100
29) 2,4-Dichlorophenol	10.310	162	105749	49.845	ng		97
30) 1,2,4-Trichlorobenzene	10.516	180	120412	51.790	ng		99
31) Naphthalene	10.716	128	335636	44.009	ng		99
32) Benzoic acid	9.992	122	68601m	40.080	ng		
33) 4-Chloroaniline	10.857	127	91583	30.798	ng		94
34) Hexachlorobutadiene	10.933	225	83149	58.903	ng		97
35) Caprolactam	11.692	113	30482	40.893	ng		90
36) 4-Chloro-3-methylphenol	11.963	107	113351	46.947	ng		98
37) 2-Methylnaphthalene	12.321	142	235279	43.805	ng		96
38) 1-Methylnaphthalene	12.545	142	217606	43.043	ng		98
40) 1,2,4,5-Tetrachloroben...	12.674	216	141873	50.926	ng		99
41) Hexachlorocyclopentadiene	12.616	237	141265	84.236	ng		99
43) 2,4,6-Trichlorophenol	12.933	196	87955	49.293	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.010	196	101594	47.847	ng	#	97
46) 1,1'-Biphenyl	13.339	154	317338	44.518	ng		99
47) 2-Chloronaphthalene	13.386	162	241808	46.241	ng		100
48) 2-Nitroaniline	13.627	65	90771	43.486	ng		93
49) Acenaphthylene	14.233	152	383814	44.317	ng		99
50) Dimethylphthalate	13.974	163	304586	43.702	ng		99
51) 2,6-Dinitrotoluene	14.121	165	64792	45.107	ng		87
52) Acenaphthene	14.568	154	229254	43.616	ng		99
53) 3-Nitroaniline	14.462	138	49717	32.418	ng		98
54) 2,4-Dinitrophenol	14.668	184	71643	71.229	ng		88
55) Dibenzofuran	14.904	168	387361	45.327	ng		98
56) 4-Nitrophenol	14.757	139	95663	73.873	ng	#	78
57) 2,4-Dinitrotoluene	14.904	165	91925	42.708	ng	#	84
58) Fluorene	15.551	166	315745	45.664	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.121	232	90699	50.714	ng		97
60) Diethylphthalate	15.321	149	303572	42.993	ng		100
61) 4-Chlorophenyl-phenyle...	15.545	204	167828	48.044	ng		99
62) 4-Nitroaniline	15.627	138	51295	37.129	ng	#	78
63) Azobenzene	15.839	77	364552	46.852	ng		91
65) 4,6-Dinitro-2-methylph...	15.657	198	52138	41.285	ng		91
66) n-Nitrosodiphenylamine	15.774	169	258512	45.621	ng		98
67) 4-Bromophenyl-phenylether	16.439	248	97490	48.514	ng		98
68) Hexachlorobenzene	16.521	284	116503	52.405	ng		98
69) Atrazine	16.721	200	59057	36.068	ng		98
70) Pentachlorophenol	16.886	266	144326	88.305	ng		99
71) Phenanthrene	17.298	178	469698	44.723	ng		100
72) Anthracene	17.386	178	466911	44.885	ng		99
73) Carbazole	17.680	167	397738	46.999	ng		99
74) Di-n-butylphthalate	18.198	149	509236	42.851	ng		99
75) Fluoranthene	19.315	202	544747	44.156	ng		97
77) Benzidine	19.533	184	149813	86.897	ng		99
78) Pyrene	19.680	202	571565	46.313	ng		99
80) Butylbenzylphthalate	20.562	149	219704	41.681	ng		94
81) Benzo(a)anthracene	21.421	228	523946	45.818	ng		99
82) 3,3'-Dichlorobenzidine	21.368	252	189785	52.220	ng		99
83) Chrysene	21.474	228	501686	43.189	ng		100
84) Bis(2-ethylhexyl)phtha...	21.309	149	311691	39.126	ng		98
85) Di-n-octyl phthalate	22.221	149	526760	38.416	ng		95
87) Indeno(1,2,3-cd)pyrene	26.291	276	620274	56.870	ng	#	92
88) Benzo(b)fluoranthene	23.080	252	504232	49.388	ng		98
89) Benzo(k)fluoranthene	23.127	252	541521	47.600	ng	#	96
90) Benzo(a)pyrene	23.709	252	453837	45.151	ng	#	96
91) Dibenzo(a,h)anthracene	26.309	278	525145	51.796	ng	#	94
92) Benzo(g,h,i)perylene	27.062	276	535701	55.727	ng	#	95

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

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